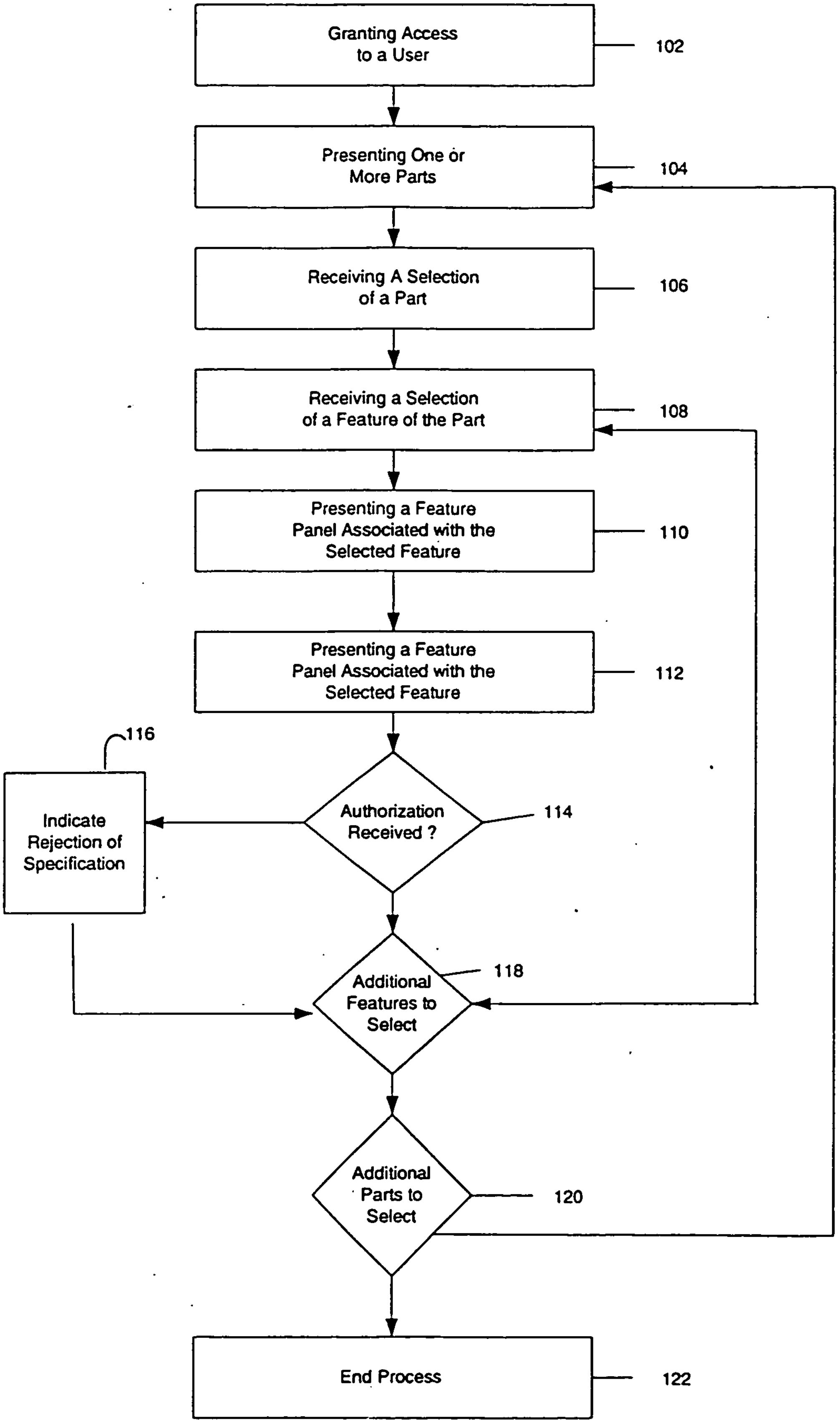

Figure 1

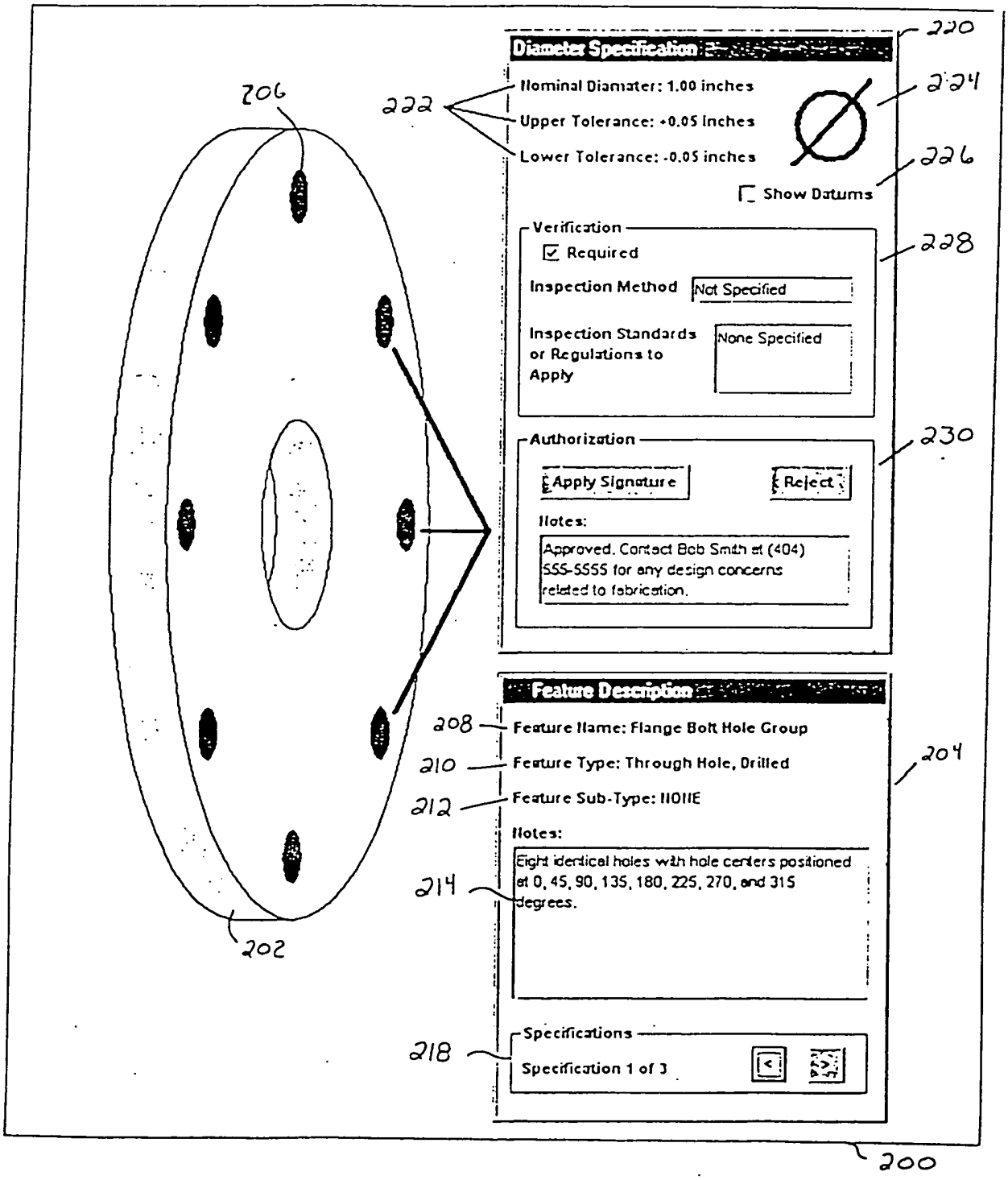
206
222
Diameter Specification
220
Nominal Diameter: 1.00 inches
Upper Tolerance: +0.05 inches
Lower Tolerance: -0.05 inches
224
226
Show Datums
Verification
228
Required
Inspection Method
Not Specified
Inspection Standards or Regulations to Apply
None Specified
Authorization
230
Apply Signature
Reject
Notes:
Approved. Contact Bob Smith at (404) 555-5555 for any design concerns related to fabrication.
Feature Description
208
Feature Name: Flange Bolt Hole Group
210
Feature Type: Through Hole, Drilled
212
Feature Sub-Type: HOLE
204
Notes:
214
Eight identical holes with hole centers positioned at 0, 45, 90, 135, 180, 225, 270, and 315 degrees.
Specifications
218
Specification 1 of 3
202
200

Fig. 2

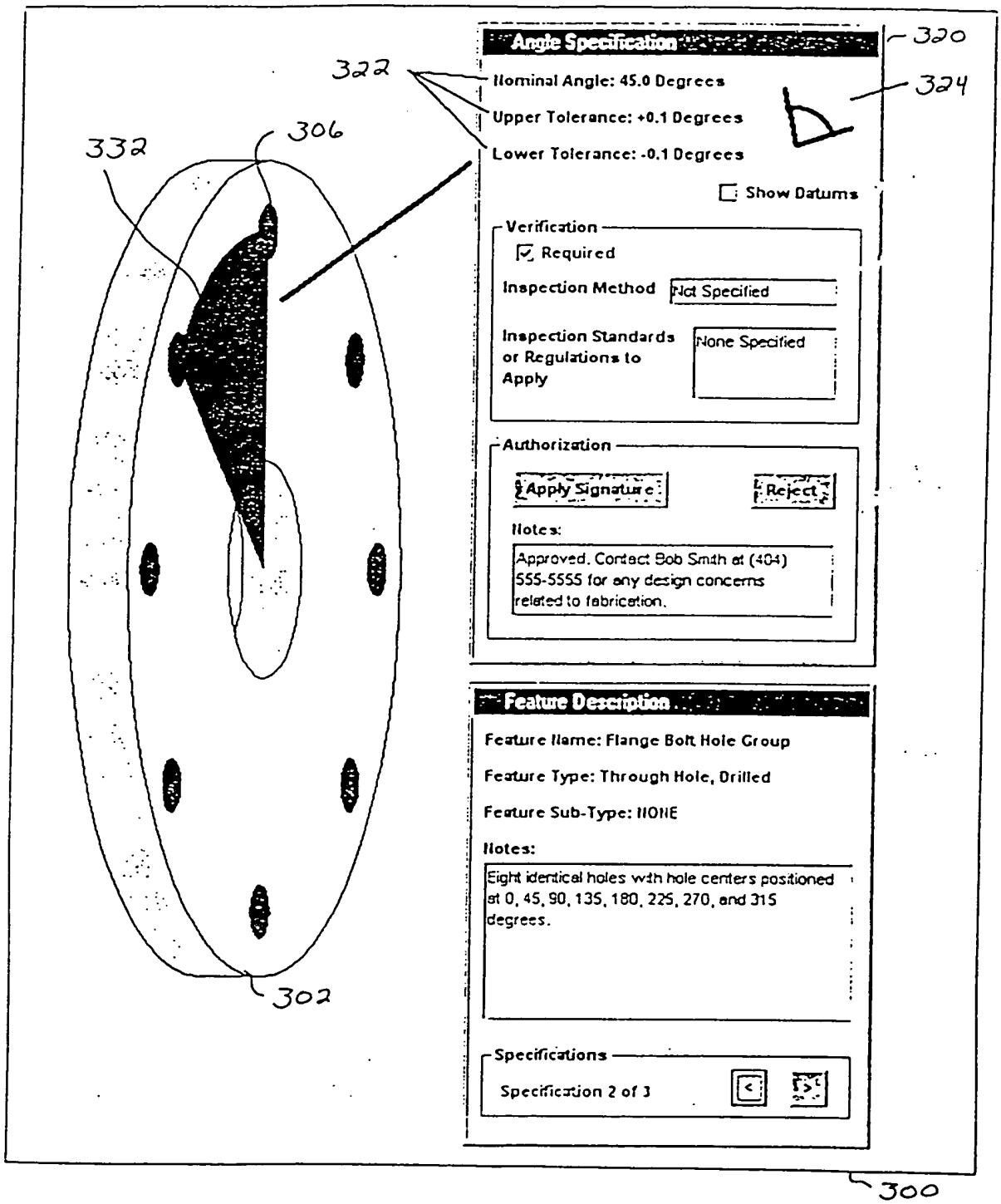
Angle Specification
320
322
Nominal Angle: 45.0 Degrees
Upper Tolerance: +0.1 Degrees
Lower Tolerance: -0.1 Degrees
324
Show Datums
Verification
Required
Inspection Method
Not Specified
Inspection Standards or Regulations to Apply
None Specified
Authorization
Apply Signature
Reject
Notes:
Approved. Contact Bob Smith at (404) 555-5555 for any design concerns related to fabrication.
Feature Description
Feature Name: Flange Bolt Hole Group
Feature Type: Through Hole, Drilled
Feature Sub-Type: NONE
Notes:
Eight identical holes with hole centers positioned at 0, 45, 90, 135, 180, 225, 270, and 315 degrees.
Specifications
Specification 2 of 3
332
306
302
300

Fig. 3

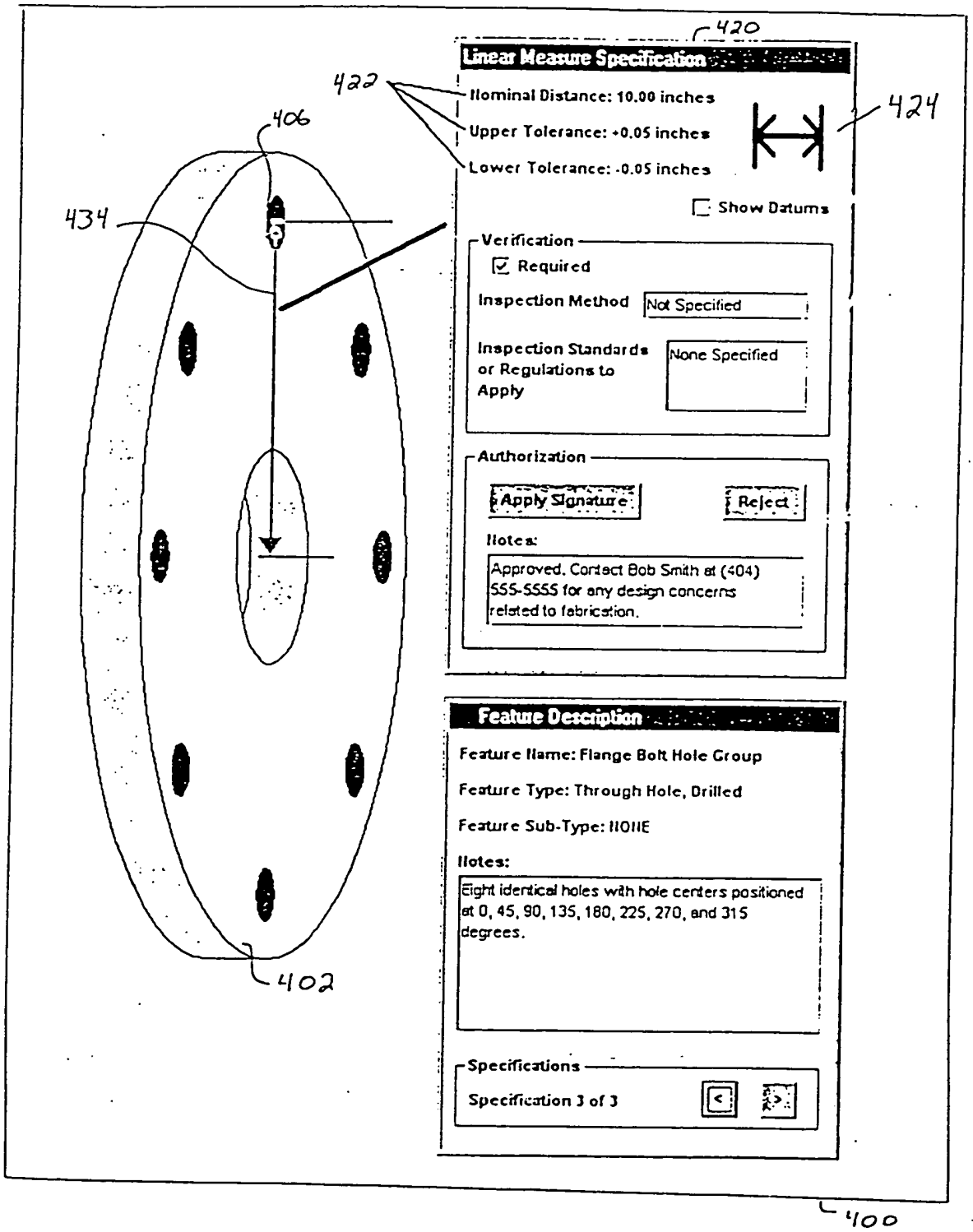
420
Linear Measure Specification
422
Nominal Distance: 10.00 inches
Upper Tolerance: +0.05 inches
Lower Tolerance: -0.05 inches
424
406
434
Show Datums
Verification
Required
Inspection Method
Not Specified
Inspection Standards or Regulations to Apply
None Specified
Authorization
Apply Signature
Reject
Notes:
Approved. Contact Bob Smith at (404) 555-5555 for any design concerns related to fabrication.
Feature Description
Feature Name: Flange Bolt Hole Group
Feature Type: Through Hole, Drilled
Feature Sub-Type: NONE
Notes:
Eight identical holes with hole centers positioned at 0, 45, 90, 135, 180, 225, 270, and 315 degrees.
Specifications
Specification 3 of 3
402
400

Fig. 4

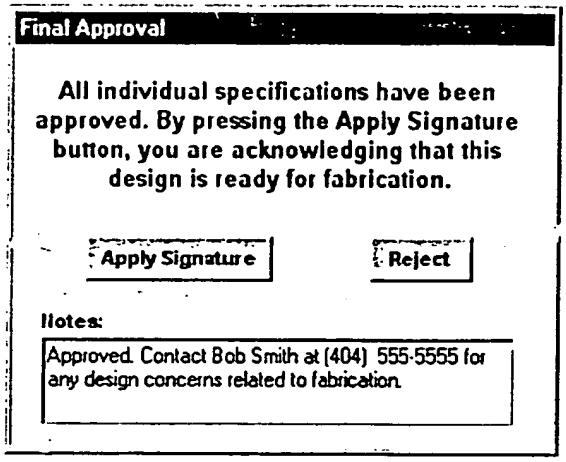
Final Approval
All individual specifications have been approved. By pressing the Apply Signature button, you are acknowledging that this design is ready for fabrication.
Apply Signature
Reject
Notes:
Approved. Contact Bob Smith at (404) 555-5555 for any design concerns related to fabrication.

Fig. 5

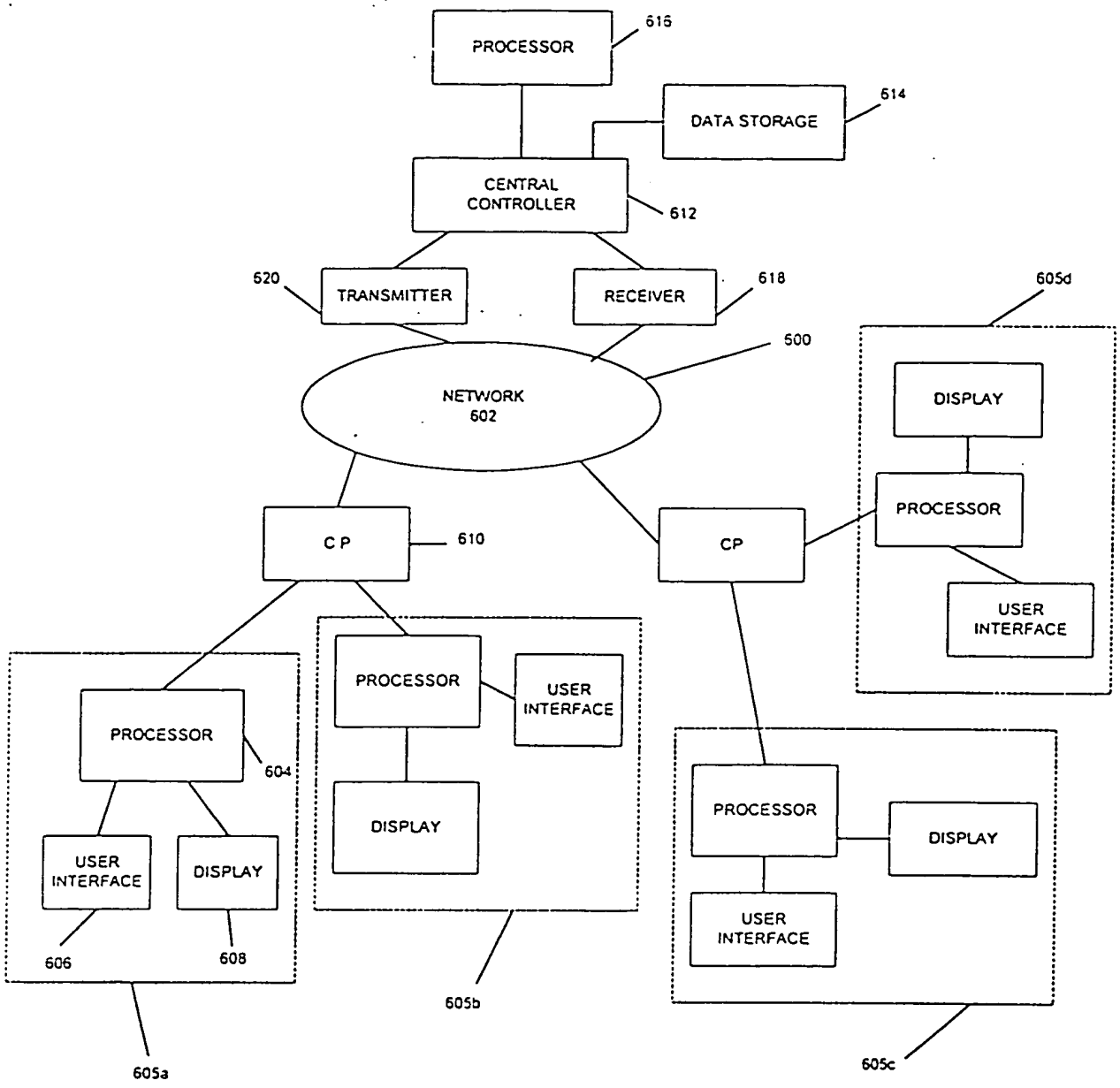
PROCESSOR
616
DATA STORAGE
614
CENTRAL CONTROLLER
612
520
TRANSMITTER
RECEIVER
618
605d
500
NETWORK 602
DISPLAY
PROCESSOR
USER INTERFACE
C P
610
CP
PROCESSOR
604
USER INTERFACE
DISPLAY
606
608
605a
PROCESSOR
USER INTERFACE
DISPLAY
605b
PROCESSOR
DISPLAY
USER INTERFACE
605c

FIG. 6

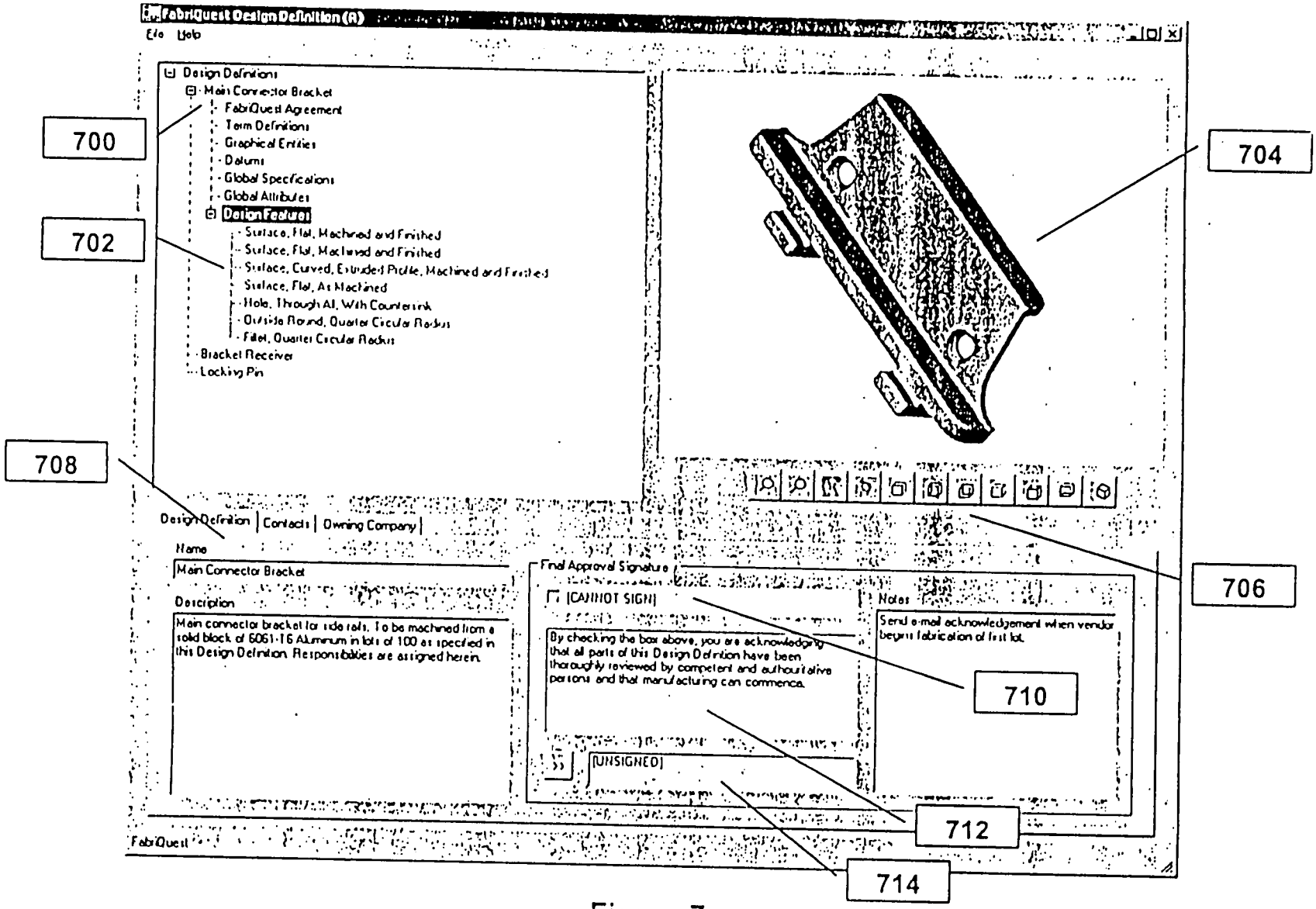
FabriQuest Design Definition (R)
File Help
Design Definitions
Main Connector Bracket
FabriQuest Agreement
Term Definitions
Graphical Entities
Datums
Global Specifications
Global Attributes
Design Features
Surface, Flat, Machined and Finished
Surface, Flat, Machined and Finished
Surface, Curved, Extruded Profile, Machined and Finished
Surface, Flat, As Machined
Hole, Through All, With Countersink
Outside Round, Quarter Circular Radius
Fillet, Quarter Circular Radius
Bracket Receiver
Locking Pin
700
702
704
706
708
710
712
714
Design Definition
Contacts
Owning Company
Name
Main Connector Bracket
Description
Main connector bracket for side rails. To be machined from a solid block of 6061-T6 Aluminum in lots of 100 as specified in this Design Definition. Responsibilities are assigned herein.
Final Approval Signature
[CANNOT SIGN]
By checking the box above, you are acknowledging that all parts of this Design Definition have been thoroughly reviewed by competent and authoritative persons and that manufacturing can commence.
[UNSIGNED]
Notes
Send e-mail acknowledgement when vendor begins fabrication of first lot.
FabriQuest

Figure 7

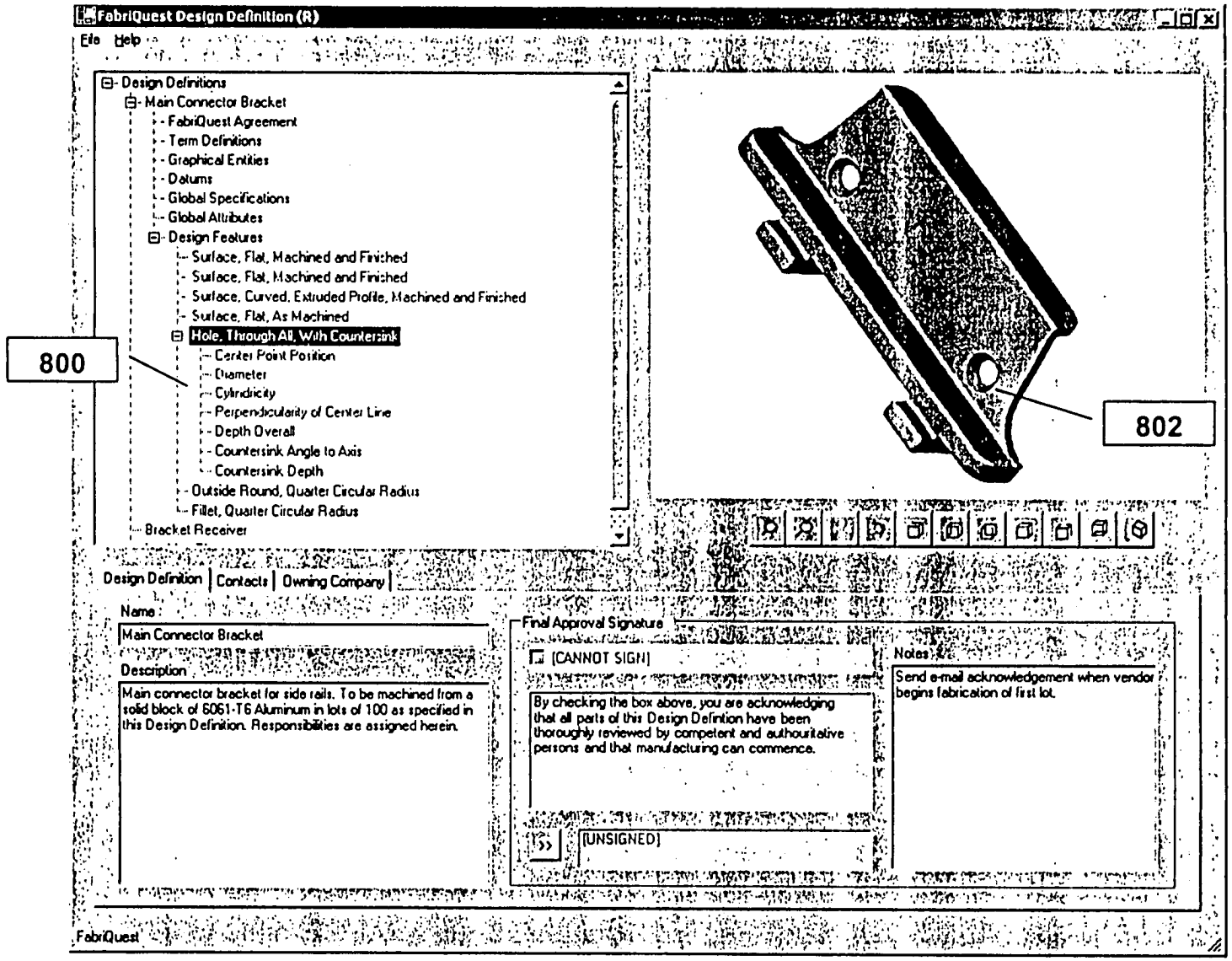
FabriQuest Design Definition (R)
File Help
Design Definitions
Main Connector Bracket
FabriQuest Agreement
Term Definitions
Graphical Entities
Datums
Global Specifications
Global Attributes
Design Features
Surface, Flat, Machined and Finished
Surface, Flat, Machined and Finished
Surface, Curved, Extruded Profile, Machined and Finished
Surface, Flat, As Machined
Hole, Through All, With Countersink
Center Point Position
Diameter
Cylindricity
Perpendicularity of Center Line
Depth Overall
Countersink Angle to Axis
Countersink Depth
Outside Round, Quarter Circular Radius
Fillet, Quarter Circular Radius
Bracket Receiver
800
802
Design Definition
Contacts
Owning Company
Name:
Main Connector Bracket
Description:
Main connector bracket for side rails. To be machined from a solid block of 6061-T6 Aluminum in lots of 100 as specified in this Design Definition. Responsibilities are assigned herein.
Final Approval Signature
[CANNOT SIGN]
By checking the box above, you are acknowledging that all parts of this Design Definition have been thoroughly reviewed by competent and authouritative persons and that manufacturing can commence.
[UNSIGNED]
Notes:
Send e-mail acknowledgement when vendor begins fabrication of first lot.
FabriQuest

Figure 8

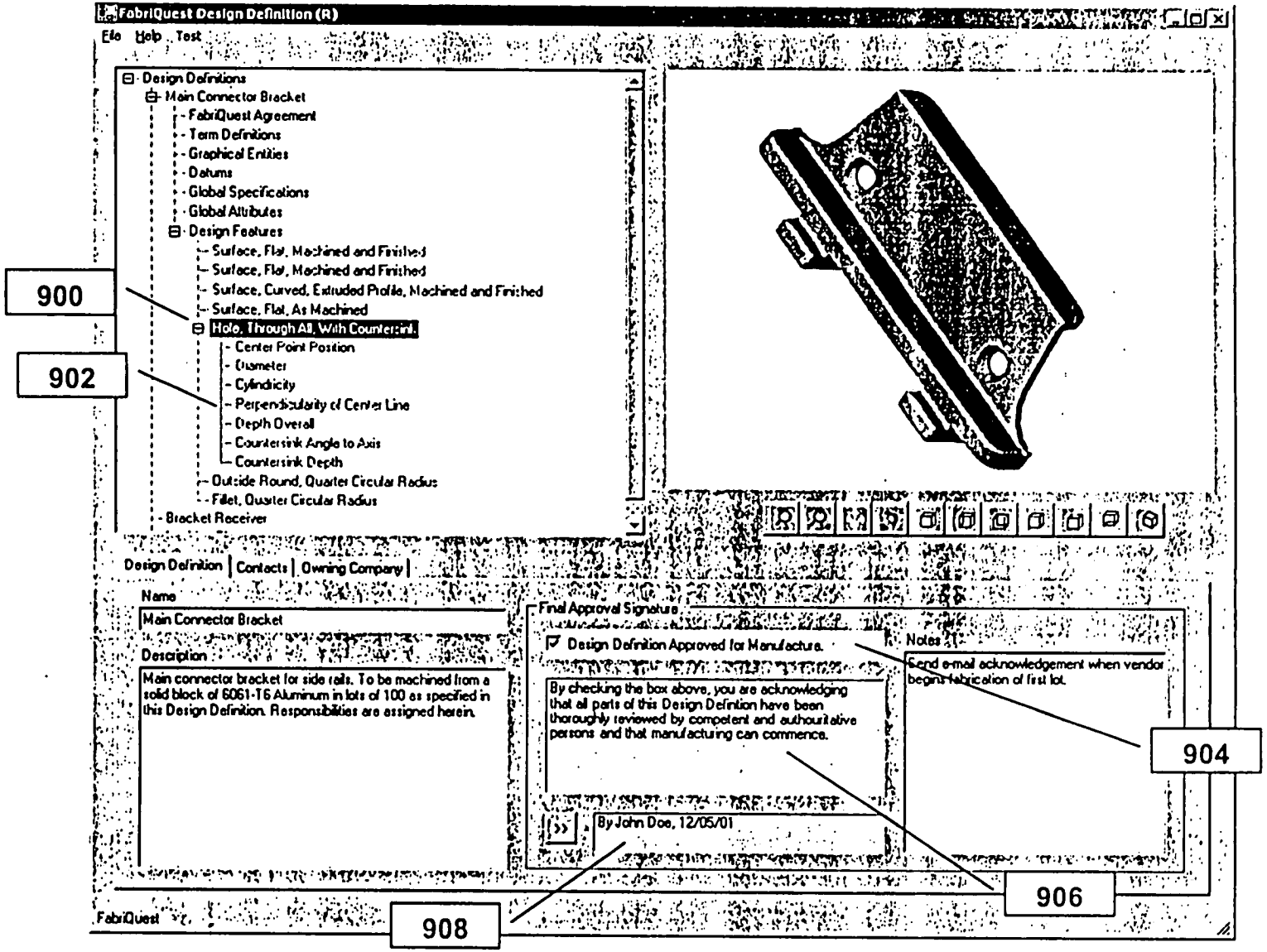
FabriQuest Design Definition (R)
File Help Test
Design Definitions
Main Connector Bracket
FabriQuest Agreement
Term Definitions
Graphical Entities
Datums
Global Specifications
Global Attributes
Design Features
Surface, Flat, Machined and Finished
Surface, Flat, Machined and Finished
Surface, Curved, Extruded Profile, Machined and Finished
Surface, Flat, As Machined
Hole, Through All, With Countersink
Center Point Position
Diameter
Cylindricity
Perpendicularity of Center Line
Depth Overall
Countersink Angle to Axis
Countersink Depth
Outside Round, Quarter Circular Radius
Fillet, Quarter Circular Radius
Bracket Receiver
900
902
Design Definition
Contacts
Owning Company
Name
Main Connector Bracket
Description
Main connector bracket for side rails. To be machined from a solid block of 6061-T6 Aluminum in lots of 100 as specified in this Design Definition. Responsibilities are assigned herein.
Final Approval Signature
Design Definition Approved for Manufacture.
By checking the box above, you are acknowledging that all parts of this Design Definition have been thoroughly reviewed by competent and authoritative persons and that manufacturing can commence.
By John Doe, 12/05/01
Notes
Send e-mail acknowledgement when vendor begins fabrication of first lot.
904
906
908
FabriQuest

Figure 9

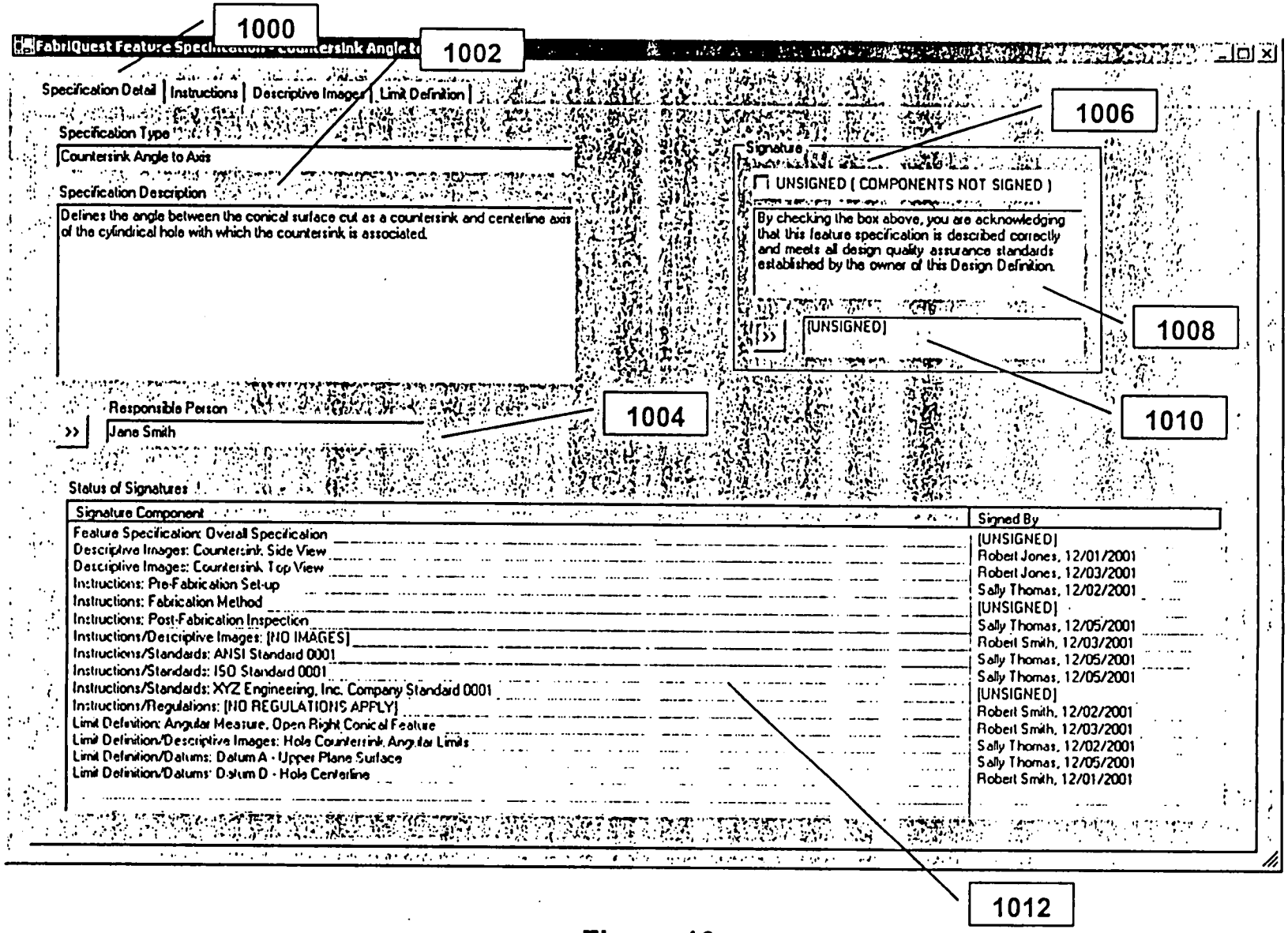
1000
1002
FabriQuest Feature Specification - Countersink Angle t
Specification Detail
Instructions
Descriptive Images
Limit Definition
Specification Type
Countersink Angle to Axis
Specification Description
Defines the angle between the conical surface cut as a countersink and centerline axis of the cylindrical hole with which the countersink is associated.
1006
Signature
UNSIGNED (COMPONENTS NOT SIGNED)
By checking the box above, you are acknowledging that this feature specification is described correctly and meets all design quality assurance standards established by the owner of this Design Definition.
1008
[UNSIGNED]
1010
Responsible Person
Jane Smith
1004
Status of Signatures
Signature Component
Signed By
Feature Specification: Overall Specification
[UNSIGNED]
Descriptive Images: Countersink Side View
Robert Jones, 12/01/2001
Descriptive Images: Countersink Top View
Robert Jones, 12/03/2001
Instructions: Pre-Fabrication Set-up
Sally Thomas, 12/02/2001
Instructions: Fabrication Method
[UNSIGNED]
Instructions: Post-Fabrication Inspection
Sally Thomas, 12/05/2001
Instructions/Descriptive Images: [NO IMAGES]
Robert Smith, 12/03/2001
Instructions/Standards: ANSI Standard 0001
Sally Thomas, 12/05/2001
Instructions/Standards: ISO Standard 0001
Sally Thomas, 12/05/2001
Instructions/Standards: XYZ Engineering, Inc. Company Standard 0001
[UNSIGNED]
Instructions/Regulations: [NO REGULATIONS APPLY]
Robert Smith, 12/02/2001
Limit Definition: Angular Measure, Open Right Conical Feature
Robert Smith, 12/03/2001
Limit Definition/Descriptive Images: Hole Countersink Angular Limits
Sally Thomas, 12/02/2001
Limit Definition/Datums: Datum A - Upper Plane Surface
Sally Thomas, 12/05/2001
Limit Definition/Datums: Datum D - Hole Centerline
Robert Smith, 12/01/2001
1012

Figure 10

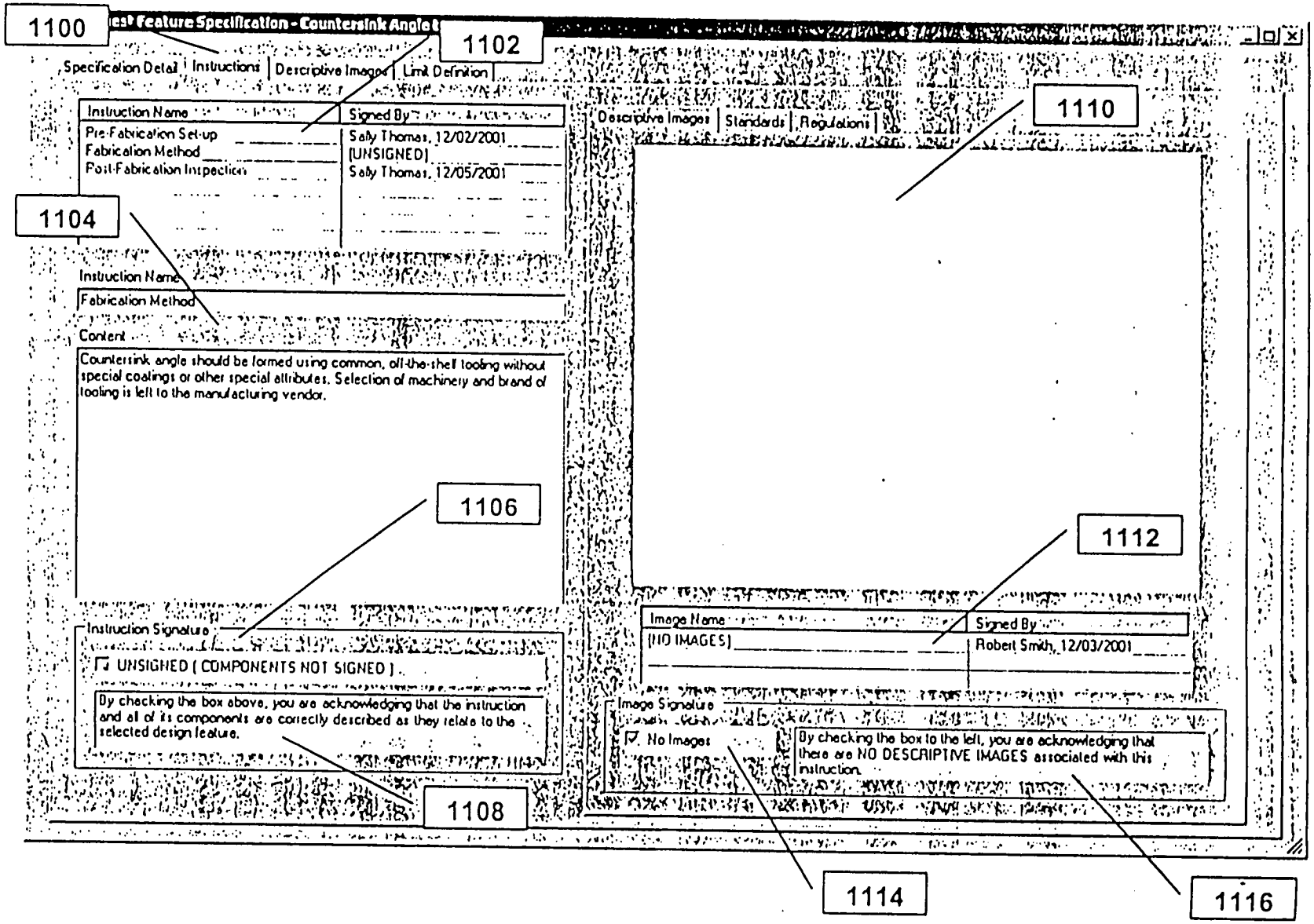
1100
1102
1104
1106
1108
1110
1112
1114
1116
Specification Detail
Instructions
Descriptive Images
Limit Definition
Instruction Name
Signed By
Pre-Fabrication Set-up
Sally Thomas, 12/02/2001
Fabrication Method
[UNSIGNED]
Post-Fabrication Inspection
Sally Thomas, 12/05/2001
Instruction Name
Fabrication Method
Content
Countersink angle should be formed using common, off-the-shelf tooling without special coatings or other special attributes. Selection of machinery and brand of tooling is left to the manufacturing vendor.
Instruction Signature
UNSIGNED (COMPONENTS NOT SIGNED)
By checking the box above, you are acknowledging that the instruction and all of its components are correctly described as they relate to the selected design feature.
Descriptive Images
Standards
Regulations
Image Name
Signed By
[NO IMAGES]
Robert Smith, 12/03/2001
Image Signature
No Images
By checking the box to the left, you are acknowledging that there are NO DESCRIPTIVE IMAGES associated with this instruction.

Figure 11

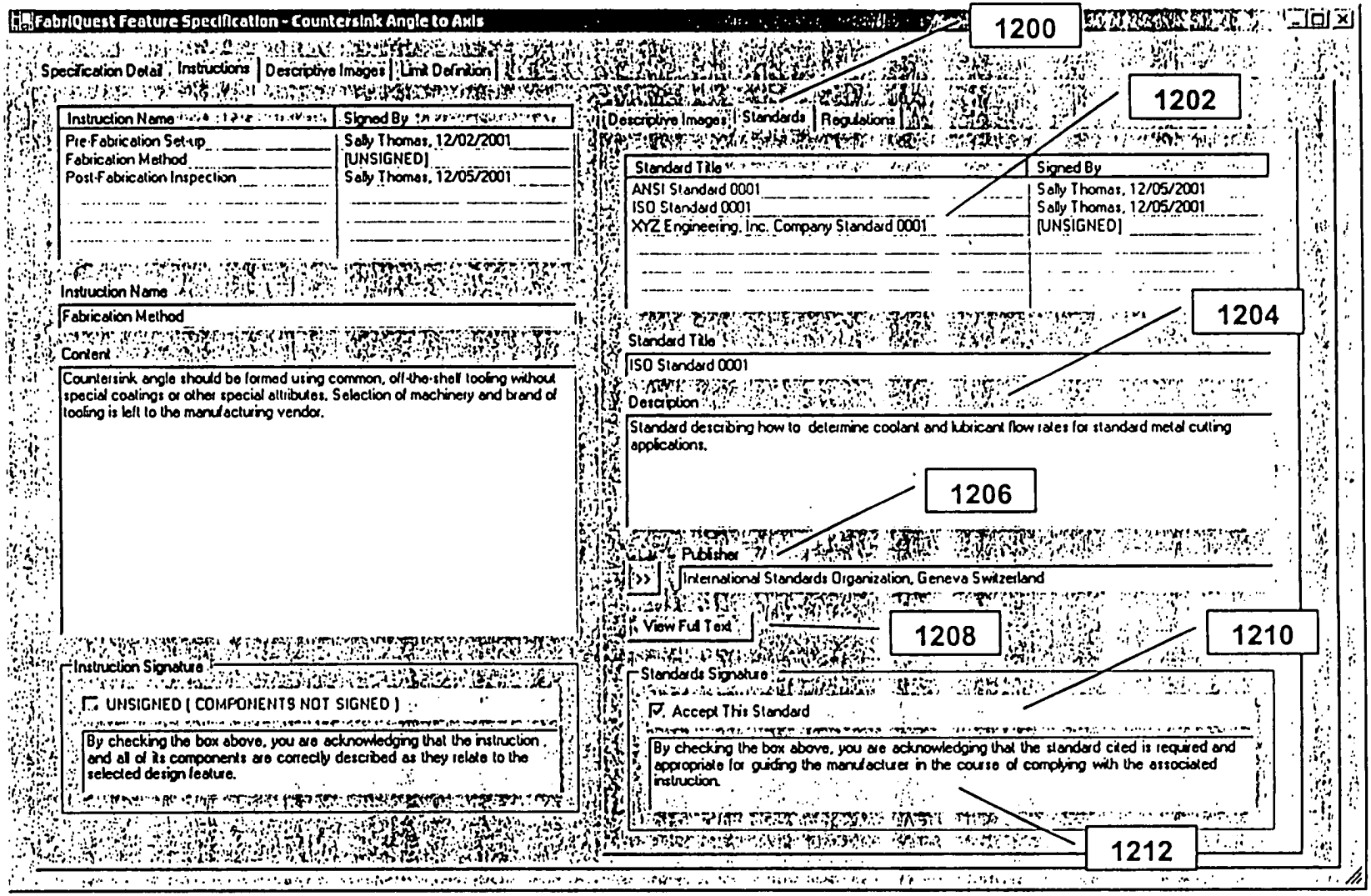
FabriQuest Feature Specification - Countersink Angle to Axis
1200
Specification Detail
Instructions
Descriptive Images
Limit Definition
Instruction Name
Signed By
Pre-Fabrication Set-up
Sally Thomas, 12/02/2001
Fabrication Method
[UNSIGNED]
Post-Fabrication Inspection
Sally Thomas, 12/05/2001
Instruction Name
Fabrication Method
Content
Countersink angle should be formed using common, off-the-shelf tooling without special coatings or other special attributes. Selection of machinery and brand of tooling is left to the manufacturing vendor.
Instruction Signature
UNSIGNED (COMPONENTS NOT SIGNED)
By checking the box above, you are acknowledging that the instruction and all of its components are correctly described as they relate to the selected design feature.
1202
Descriptive Images
Standards
Regulations
Standard Title
Signed By
ANSI Standard 0001
Sally Thomas, 12/05/2001
ISO Standard 0001
Sally Thomas, 12/05/2001
XYZ Engineering, Inc. Company Standard 0001
[UNSIGNED]
1204
Standard Title
ISO Standard 0001
Description
Standard describing how to determine coolant and lubricant flow rates for standard metal cutting applications.
1206
Publisher
>>
International Standards Organization, Geneva Switzerland
View Full Text
1208
1210
Standards Signature
Accept This Standard
By checking the box above, you are acknowledging that the standard cited is required and appropriate for guiding the manufacturer in the course of complying with the associated instruction.
1212

Figure 12

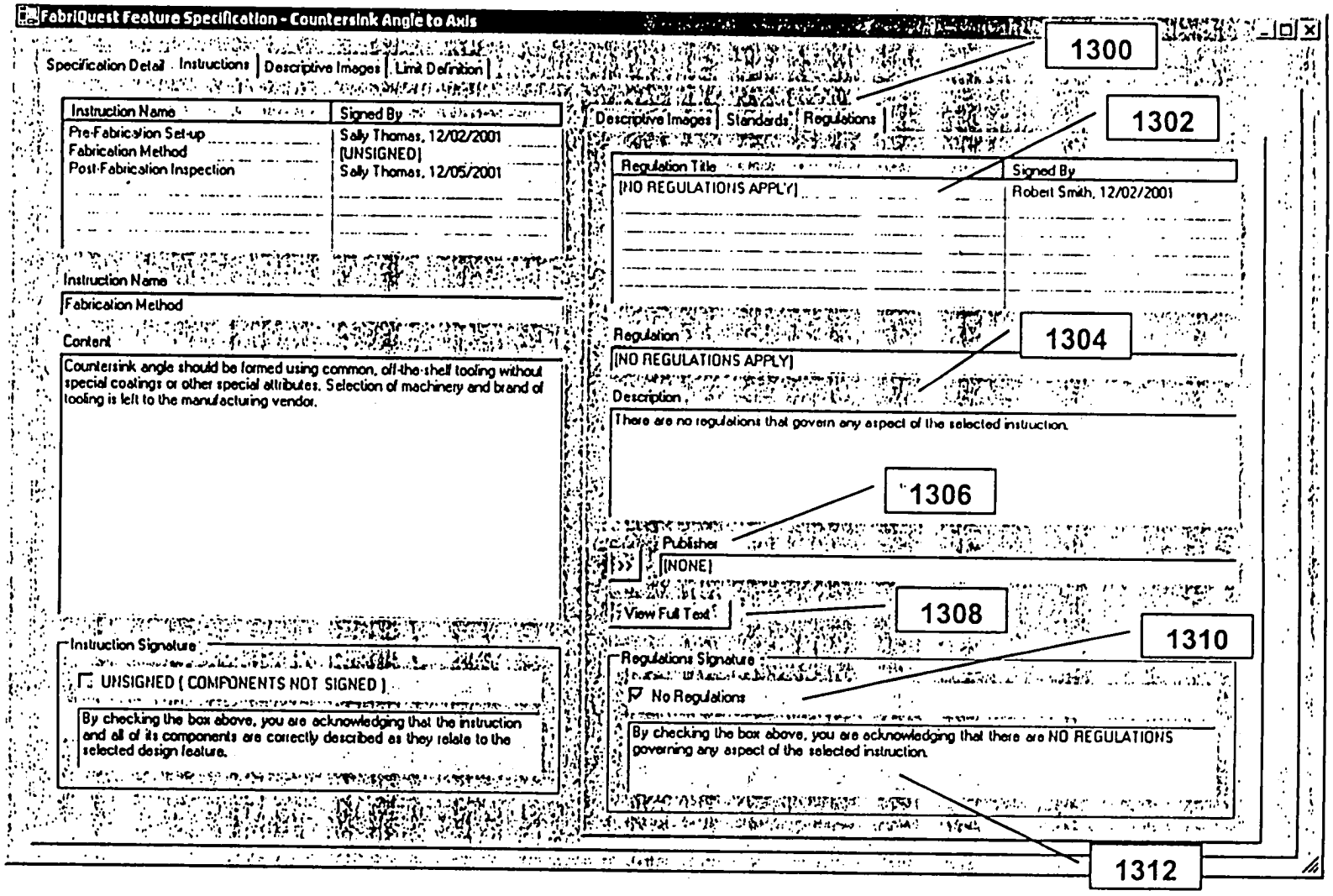
FabriQuest Feature Specification - Countersink Angle to Axis
Specification Detail
Instructions
Descriptive Images
Limit Definition
Instruction Name
Signed By
Pre-Fabrication Set-up
Sally Thomas, 12/02/2001
Fabrication Method
[UNSIGNED]
Post-Fabrication Inspection
Sally Thomas, 12/05/2001
Instruction Name
Fabrication Method
Content
Countersink angle should be formed using common, off-the-shelf tooling without special coatings or other special attributes. Selection of machinery and brand of tooling is left to the manufacturing vendor.
Instruction Signature
UNSIGNED (COMPONENTS NOT SIGNED)
By checking the box above, you are acknowledging that the instruction and all of its components are correctly described as they relate to the selected design feature.
1300
Descriptive Images
Standards
Regulations
1302
Regulation Title
Signed By
[NO REGULATIONS APPLY]
Robert Smith, 12/02/2001
Regulation
1304
[NO REGULATIONS APPLY]
Description
There are no regulations that govern any aspect of the selected instruction.
1306
Publisher
[NONE]
View Full Text
1308
1310
Regulations Signature
No Regulations
By checking the box above, you are acknowledging that there are NO REGULATIONS governing any aspect of the selected instruction.
1312

Figure 13

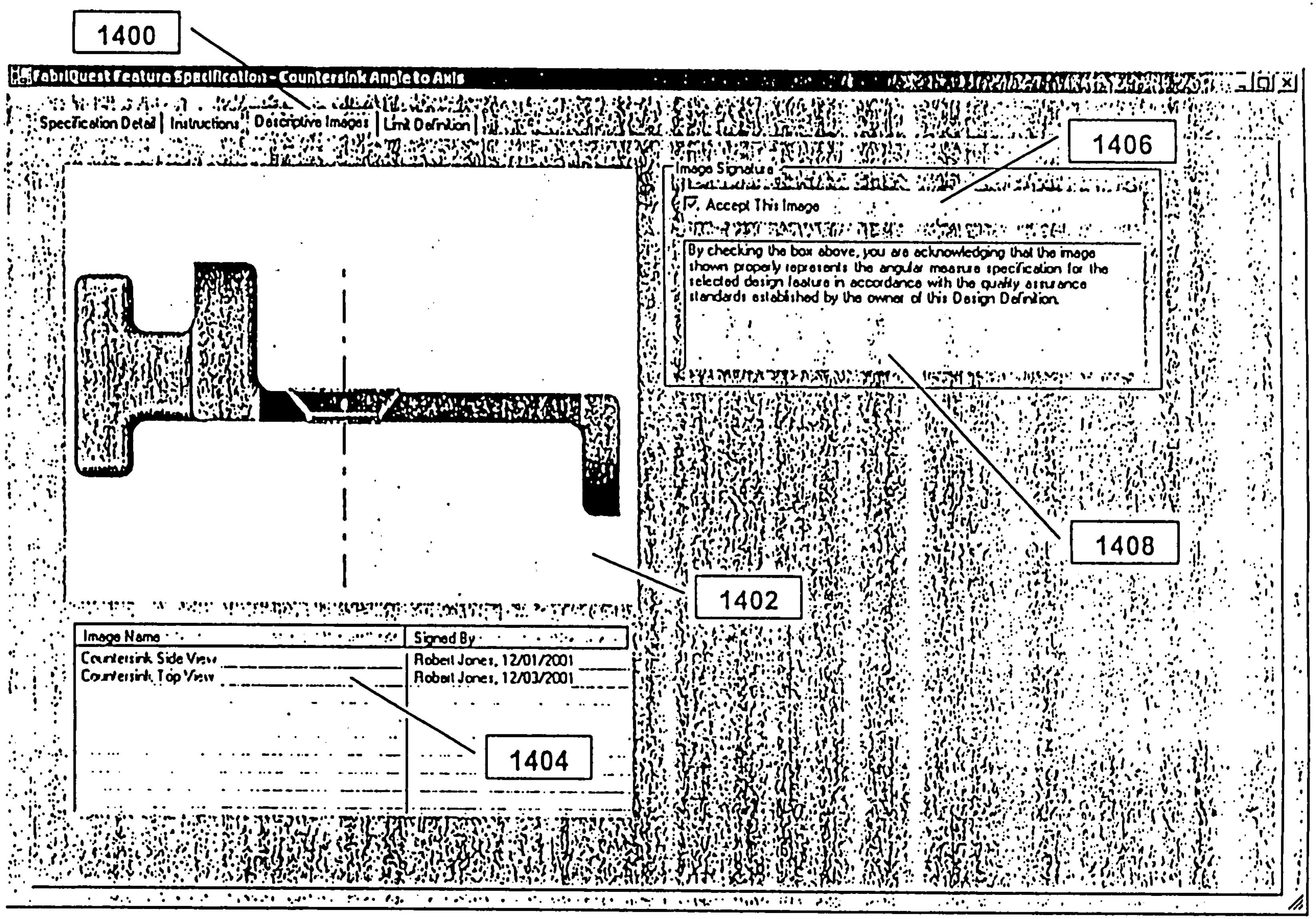
1400
FabriQuest Feature Specification - Countersink Angle to Axis
Specification Detail
Instructions
Descriptive Images
Limit Definition
Image Signature
Accept This Image
By checking the box above, you are acknowledging that the image shown properly represents the angular measure specification for the selected design feature in accordance with the quality assurance standards established by the owner of this Design Definition.
1406
1408
1402
Image Name
Signed By
Countersink Side View
Robert Jones, 12/01/2001
Countersink Top View
Robert Jones, 12/03/2001
1404

Figure 14

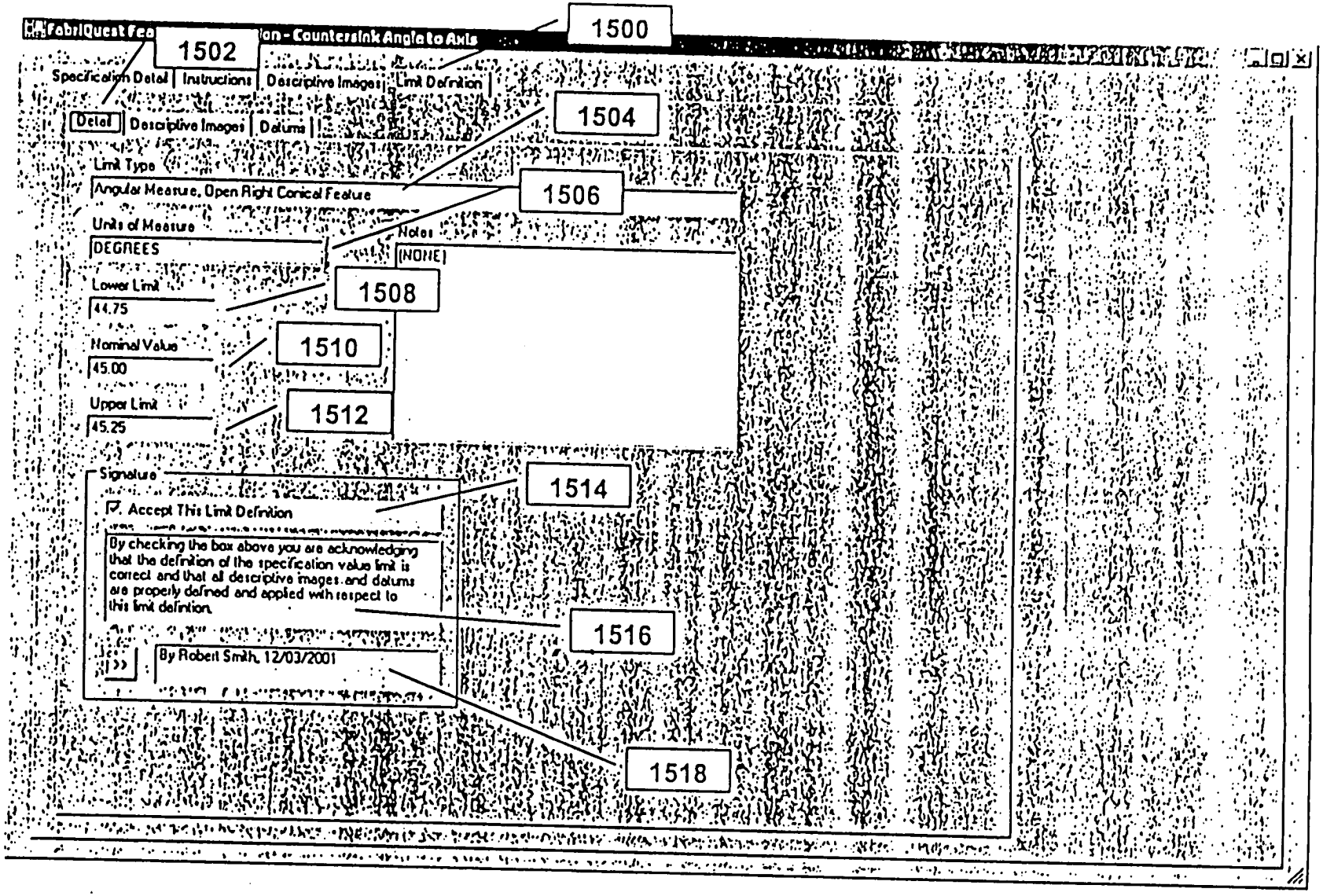
1500
1502
1504
1506
1508
1510
1512
1514
1516
1518
Specification Detail
Instructions
Descriptive Images
Limit Definition
Detail
Descriptive Images
Datums
Limit Type
Angular Measure, Open Right Conical Feature
Units of Measure
DEGREES
Notes
(NONE)
Lower Limit
44.75
Nominal Value
45.00
Upper Limit
45.25
Signature
Accept This Limit Definition
By checking the box above you are acknowledging that the definition of the specification value limit is correct and that all descriptive images and datums are properly defined and applied with respect to this limit definition.
By Robert Smith, 12/03/2001

Figure 15

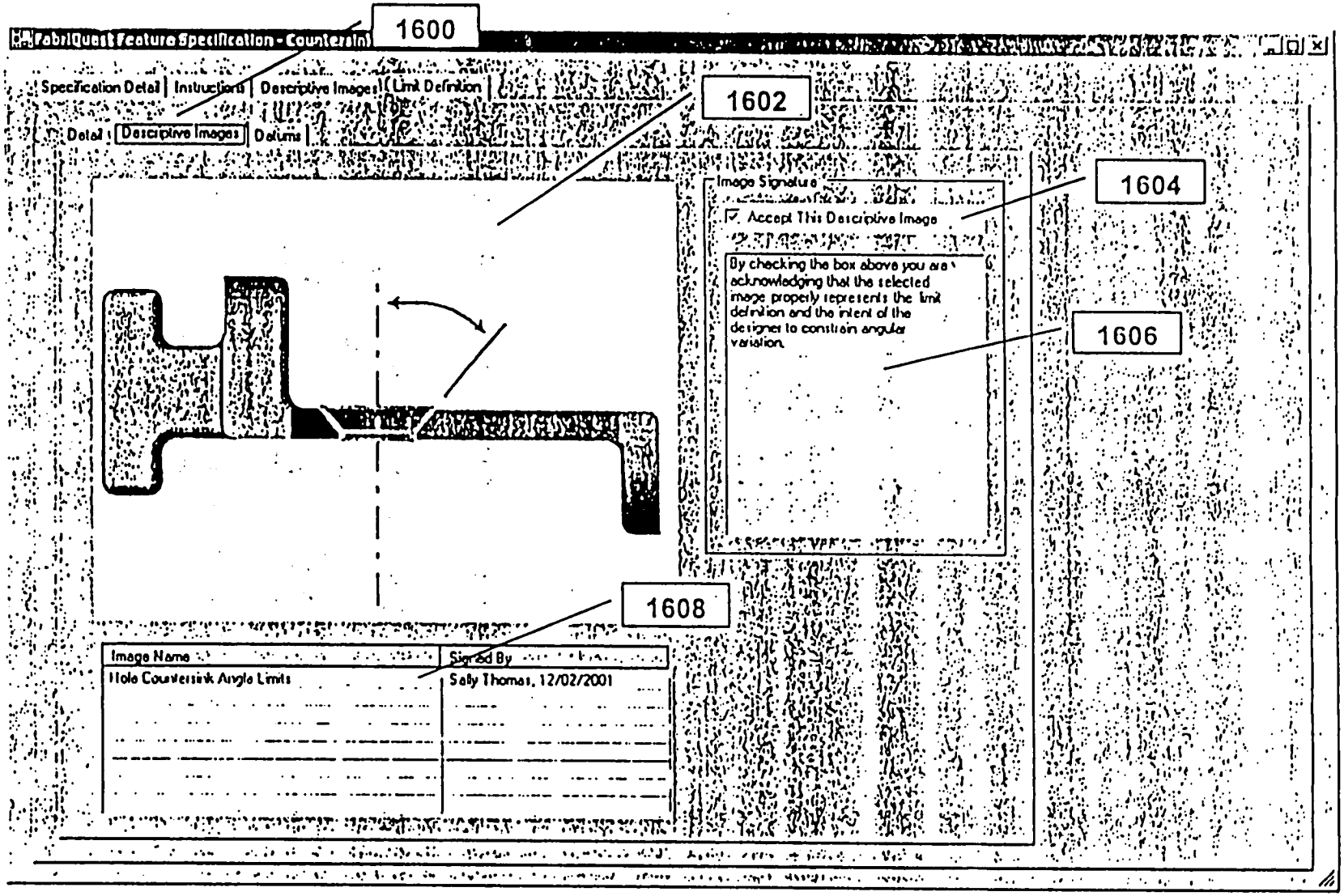
1600
FabriQuest Feature Specification - Countersink
Specification Detail
Instructions
Descriptive Images
Limit Definition
Detail
Descriptive Images
Datums
1602
Image Signature
1604
Accept This Descriptive Image
By checking the box above you are acknowledging that the selected image properly represents the limit definition and the intent of the designer to constrain angular variation.
1606
1608
Image Name
Signed By
Hole Countersink Angle Limits
Sally Thomas, 12/02/2001

Figure 16

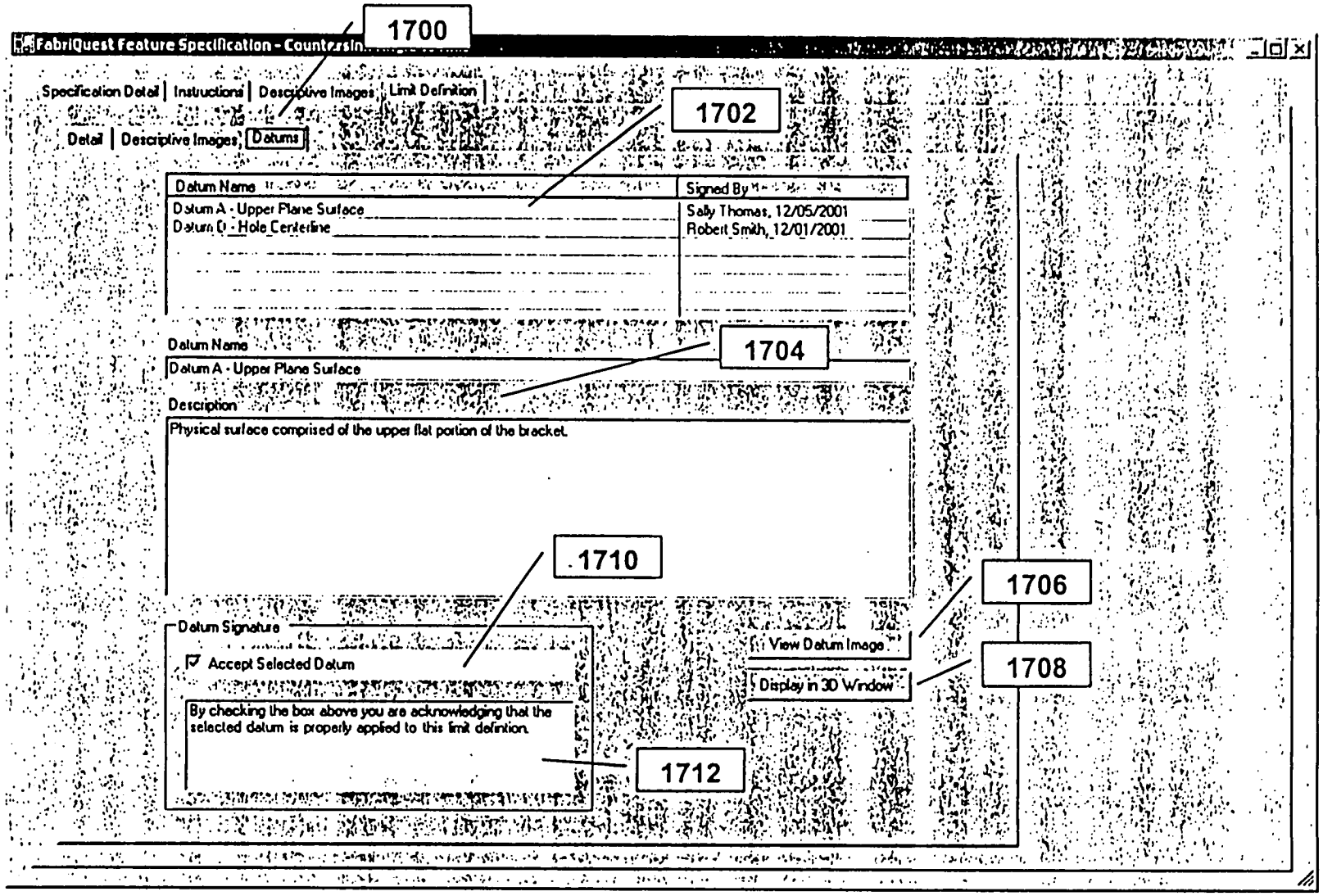
1700
FabriQuest Feature Specification - Countersin
Specification Detail
Instructions
Descriptive Images
Limit Definition
Detail
Descriptive Images
Datums
1702
Datum Name
Signed By
Datum A - Upper Plane Surface
Sally Thomas, 12/05/2001
Datum B - Hole Centerline
Robert Smith, 12/01/2001
Datum Name
1704
Datum A - Upper Plane Surface
Description
Physical surface comprised of the upper flat portion of the bracket.
1710
1706
Datum Signature
View Datum Image
1708
Accept Selected Datum
Display in 3D Window
By checking the box above you are acknowledging that the selected datum is properly applied to this limit definition.
1712

Figure 17

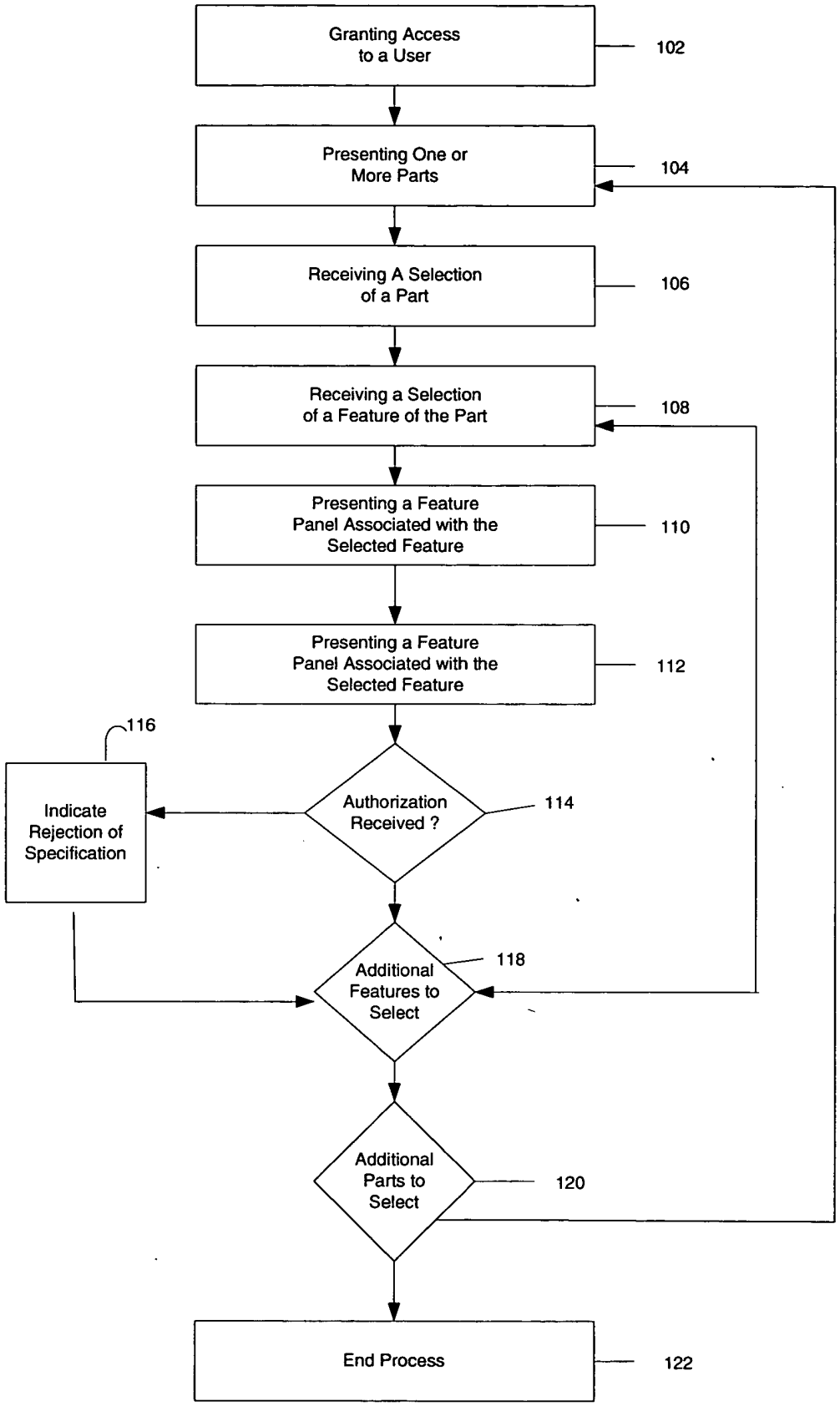
Granting Access to a User
102
Presenting One or More Parts
104
Receiving A Selection of a Part
106
Receiving a Selection of a Feature of the Part
108
Presenting a Feature Panel Associated with the Selected Feature
110
Presenting a Feature Panel Associated with the Selected Feature
112
116
Indicate Rejection of Specification
Authorization Received ?
114
Additional Features to Select
118
Additional Parts to Select
120
End Process
122

Figure 1

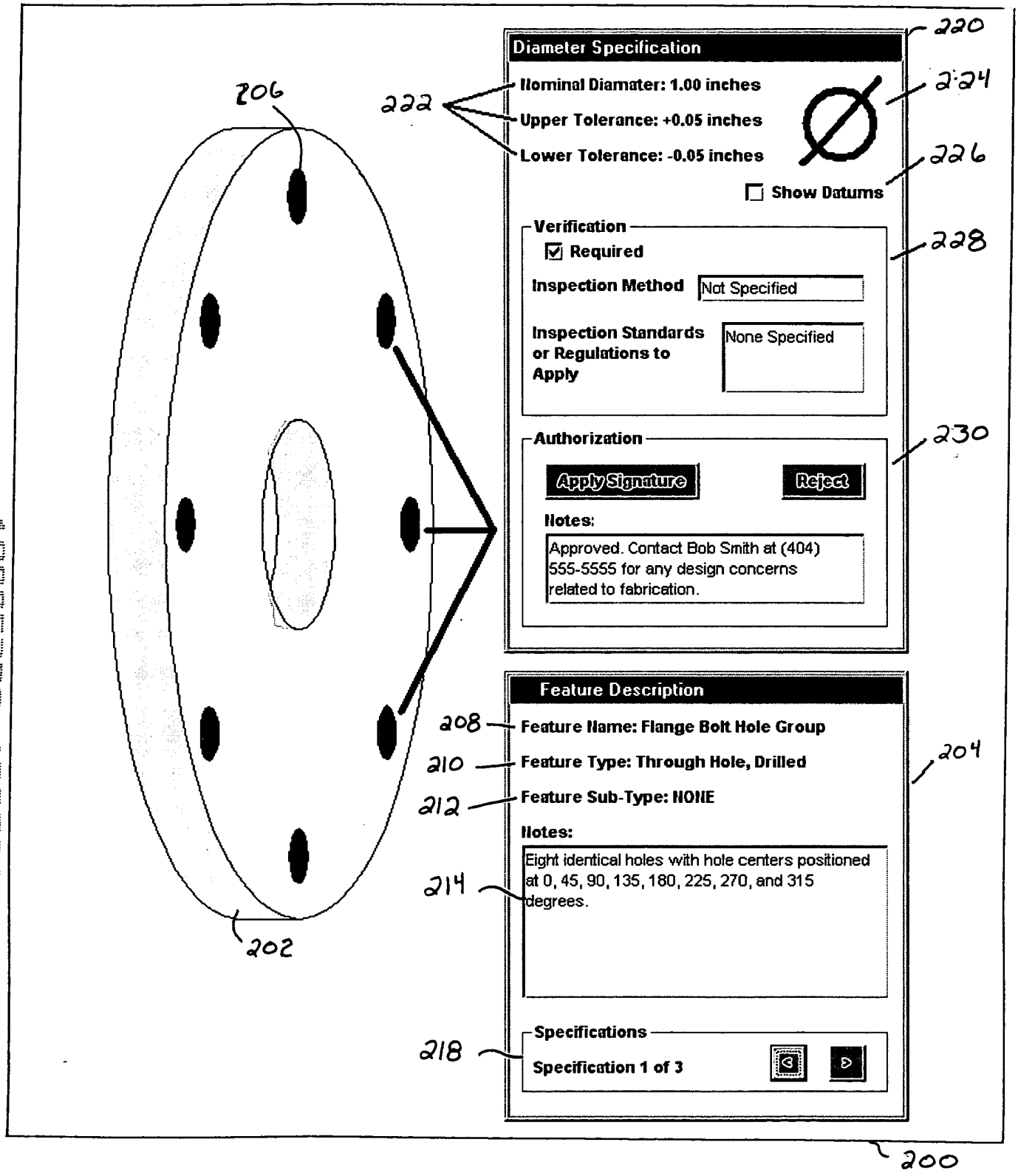
Diameter Specification
Nominal Diameter: 1.00 inches
Upper Tolerance: +0.05 inches
Lower Tolerance: -0.05 inches
Show Datums
Verification
Required
Inspection Method
Not Specified
Inspection Standards or Regulations to Apply
None Specified
Authorization
Apply Signature
Reject
Notes:
Approved. Contact Bob Smith at (404) 555-5555 for any design concerns related to fabrication.
Feature Description
Feature Name: Flange Bolt Hole Group
Feature Type: Through Hole, Drilled
Feature Sub-Type: NONE
Notes:
Eight identical holes with hole centers positioned at 0, 45, 90, 135, 180, 225, 270, and 315 degrees.
Specifications
Specification 1 of 3
206
222
220
224
226
228
230
208
210
212
204
214
218
202
200

Fig. 2

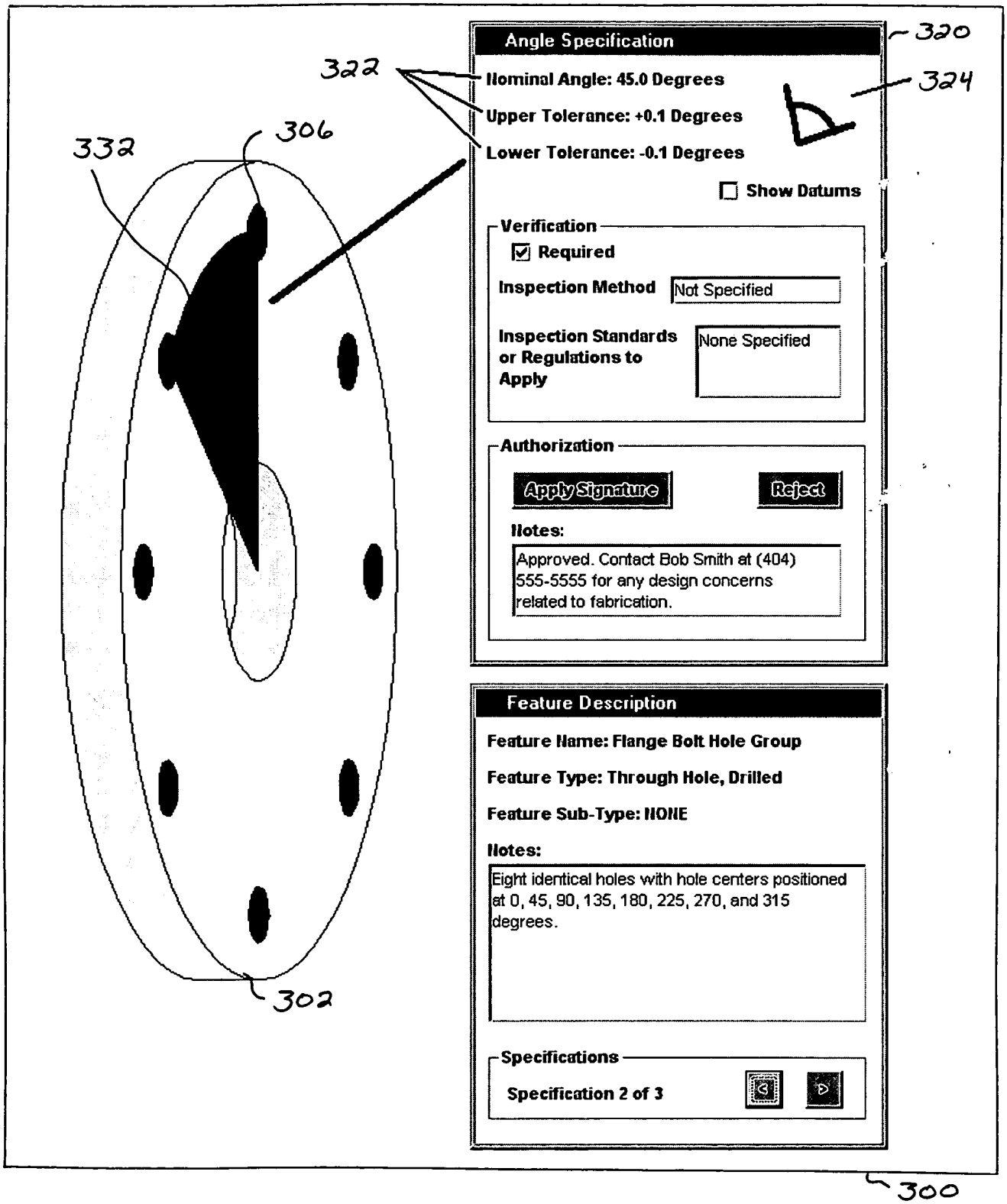

Fig. 3

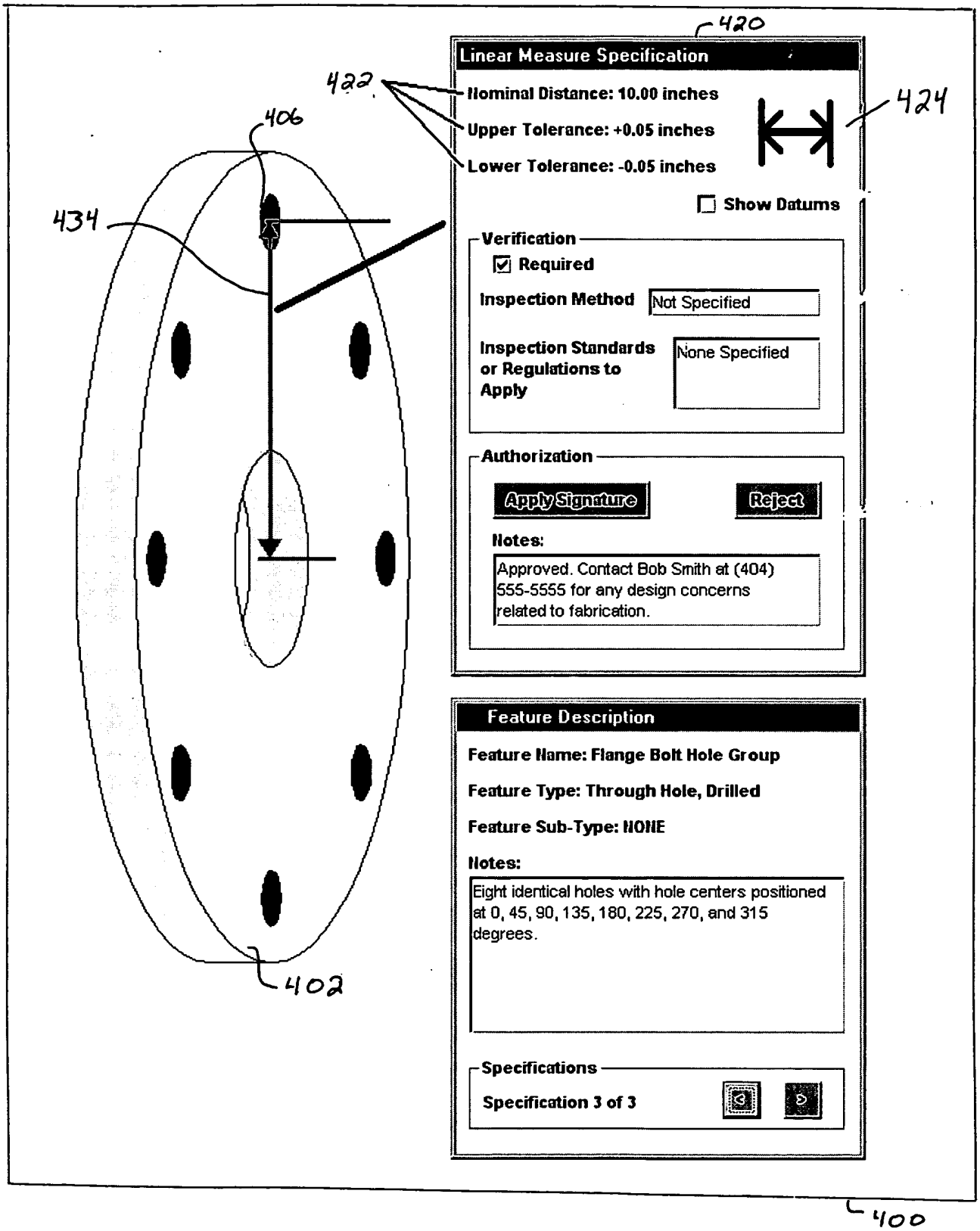

Fig. 4

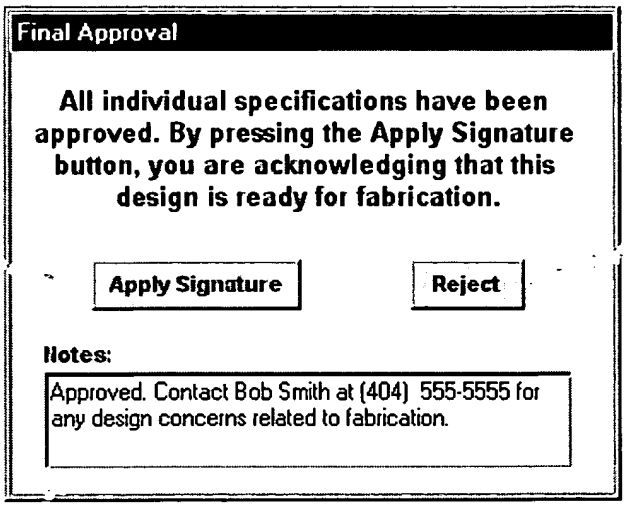

Fig. 5

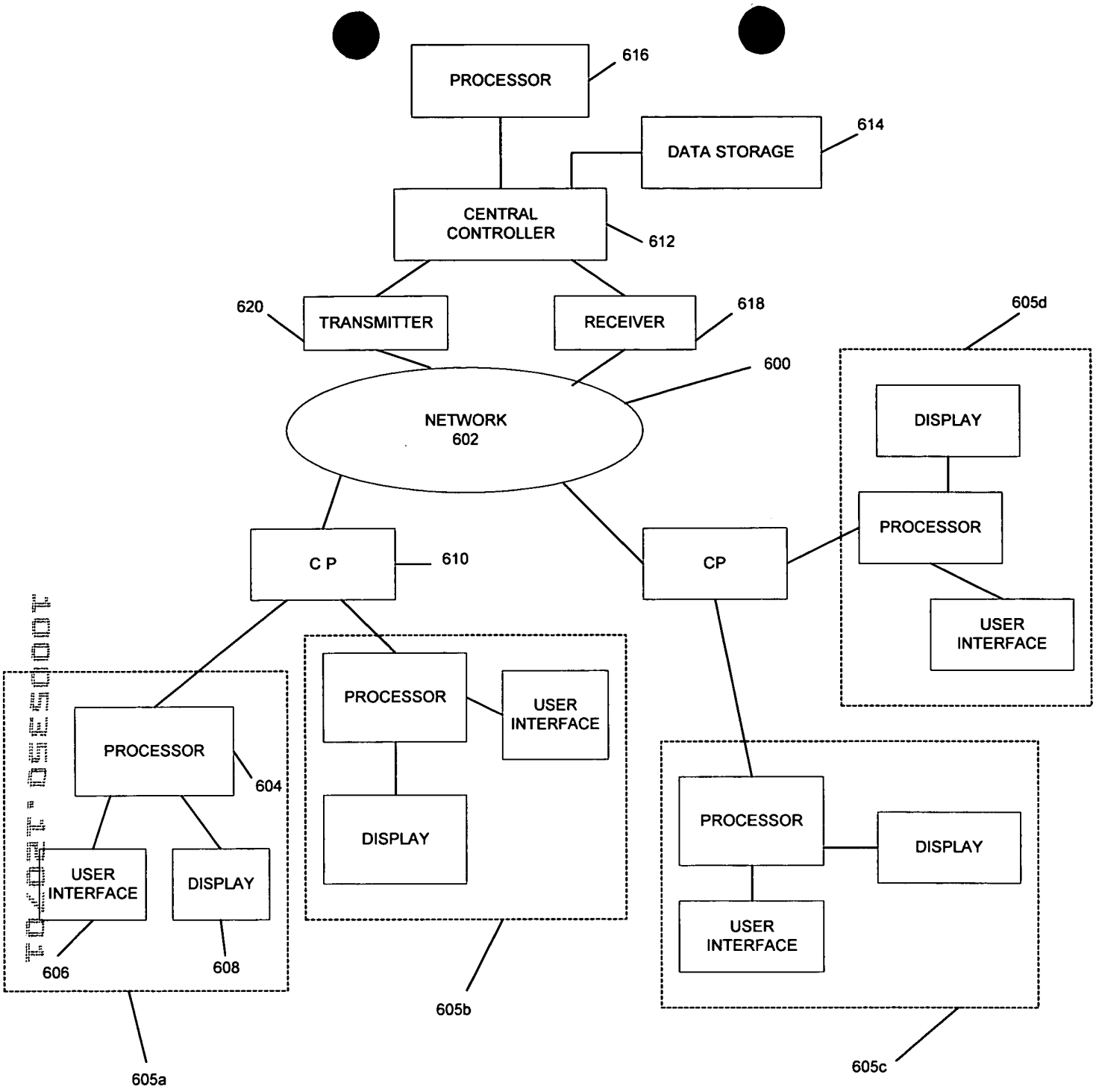
PROCESSOR
616
DATA STORAGE
614
CENTRAL CONTROLLER
612
620
TRANSMITTER
RECEIVER
618
605d
600
NETWORK 602
DISPLAY
PROCESSOR
USER INTERFACE
C P
610
CP
PROCESSOR
604
USER INTERFACE
DISPLAY
606
608
605a
PROCESSOR
USER INTERFACE
DISPLAY
605b
PROCESSOR
DISPLAY
USER INTERFACE
605c

FIG. 6

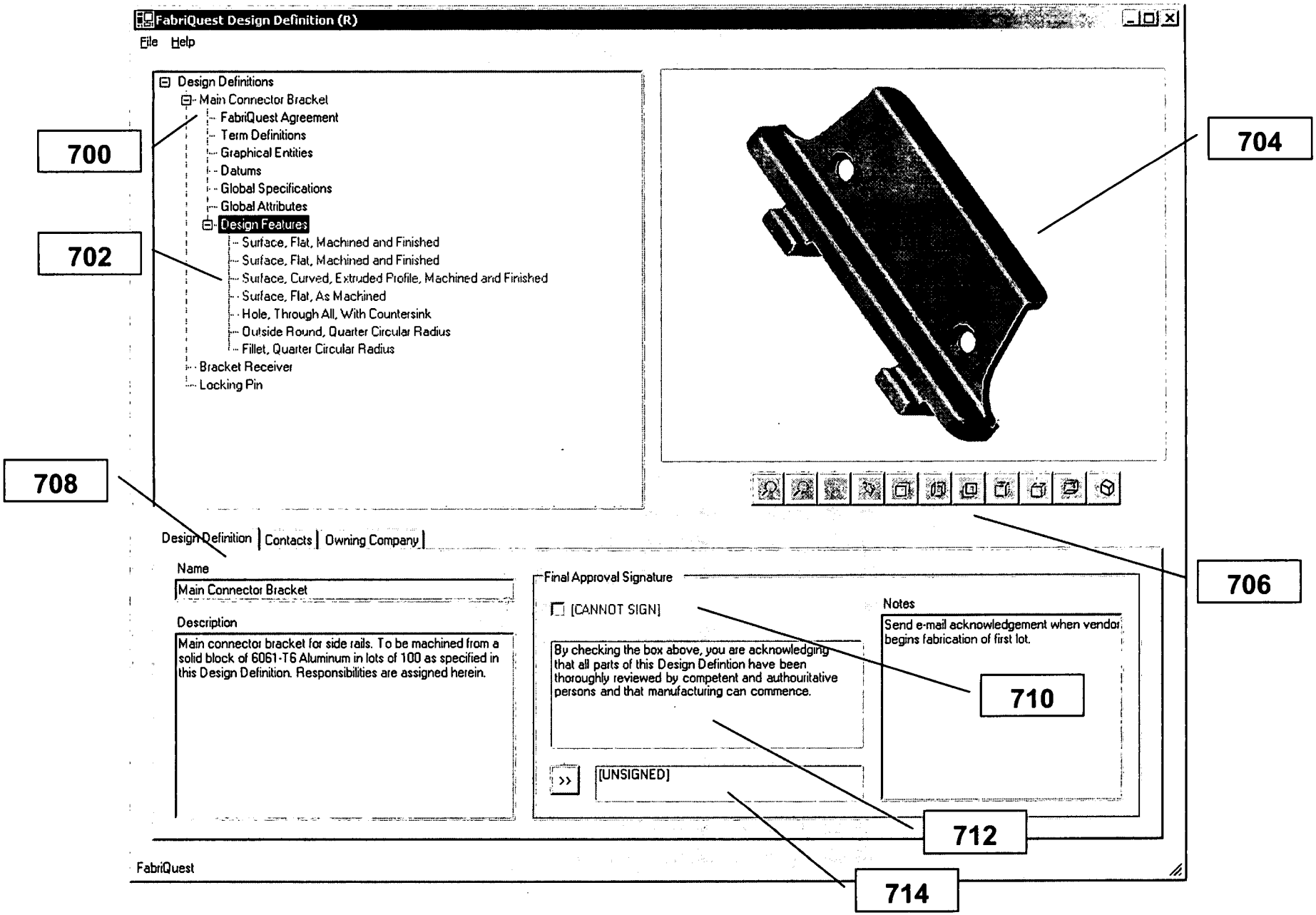
FabriQuest Design Definition (R)
File Help
Design Definitions
Main Connector Bracket
FabriQuest Agreement
Term Definitions
Graphical Entities
Datums
Global Specifications
Global Attributes
Design Features
Surface, Flat, Machined and Finished
Surface, Flat, Machined and Finished
Surface, Curved, Extruded Profile, Machined and Finished
Surface, Flat, As Machined
Hole, Through All, With Countersink
Outside Round, Quarter Circular Radius
Fillet, Quarter Circular Radius
Bracket Receiver
Locking Pin
700
702
704
706
708
Design Definition
Contacts
Owning Company
Name
Main Connector Bracket
Description
Main connector bracket for side rails. To be machined from a solid block of 6061-T6 Aluminum in lots of 100 as specified in this Design Definition. Responsibilities are assigned herein.
Final Approval Signature
[CANNOT SIGN]
By checking the box above, you are acknowledging that all parts of this Design Defintion have been thoroughly reviewed by competent and authouritative persons and that manufacturing can commence.
Notes
Send e-mail acknowledgement when vendor begins fabrication of first lot.
710
>>
[UNSIGNED]
712
714
FabriQuest

Figure 7

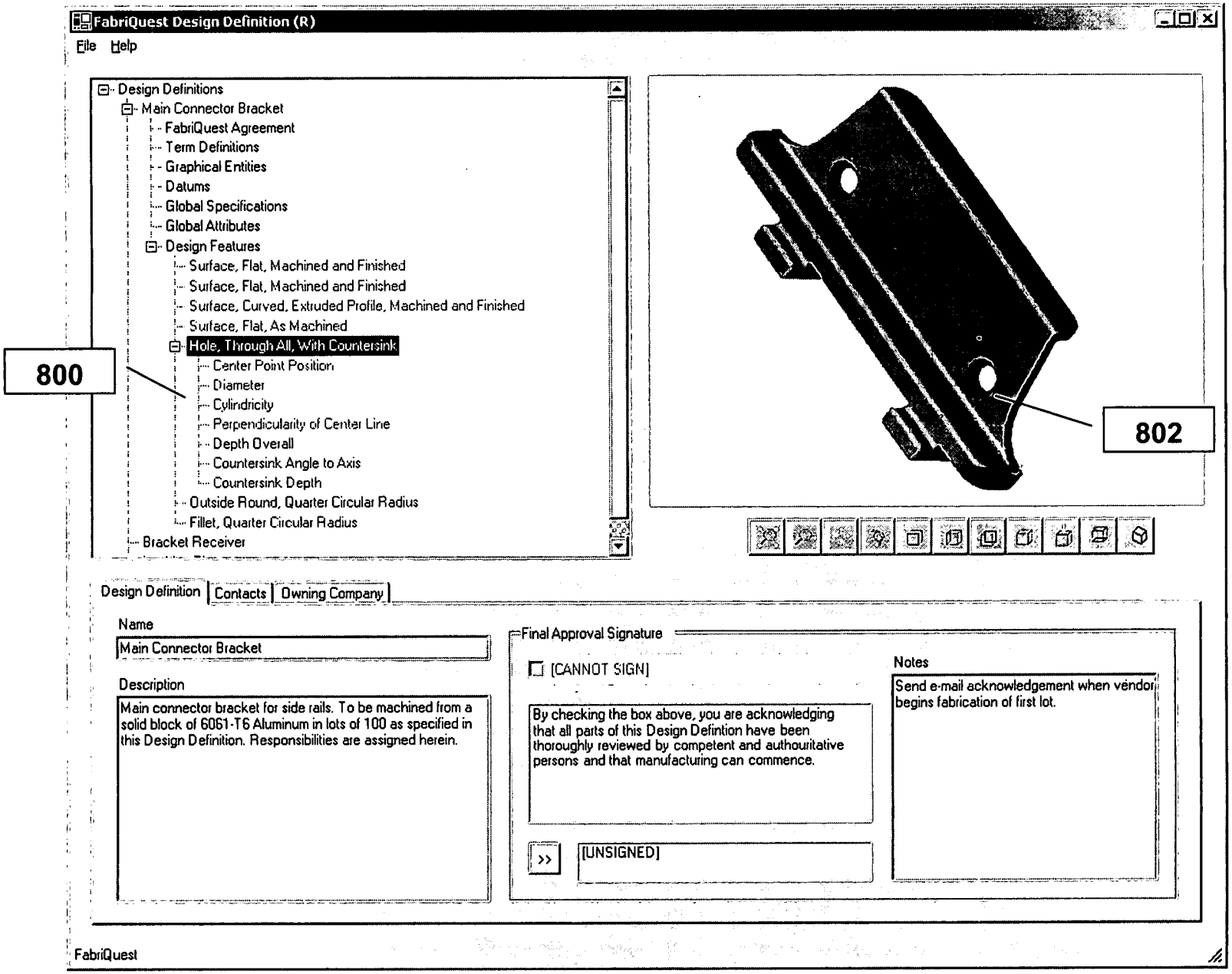
FabriQuest Design Definition (R)
File Help
Design Definitions
Main Connector Bracket
FabriQuest Agreement
Term Definitions
Graphical Entities
Datums
Global Specifications
Global Attributes
Design Features
Surface, Flat, Machined and Finished
Surface, Flat, Machined and Finished
Surface, Curved, Extruded Profile, Machined and Finished
Surface, Flat, As Machined
Hole, Through All, With Countersink
Center Point Position
Diameter
Cylindricity
Perpendicularity of Center Line
Depth Overall
Countersink Angle to Axis
Countersink Depth
Outside Round, Quarter Circular Radius
Fillet, Quarter Circular Radius
Bracket Receiver
800
802
Design Definition
Contacts
Owning Company
Name
Main Connector Bracket
Description
Main connector bracket for side rails. To be machined from a solid block of 6061-T6 Aluminum in lots of 100 as specified in this Design Definition. Responsibilities are assigned herein.
Final Approval Signature
[CANNOT SIGN]
By checking the box above, you are acknowledging that all parts of this Design Defintion have been thoroughly reviewed by competent and authouritative persons and that manufacturing can commence.
>>
[UNSIGNED]
Notes
Send e-mail acknowledgement when vendor begins fabrication of first lot.
FabriQuest

Figure 8

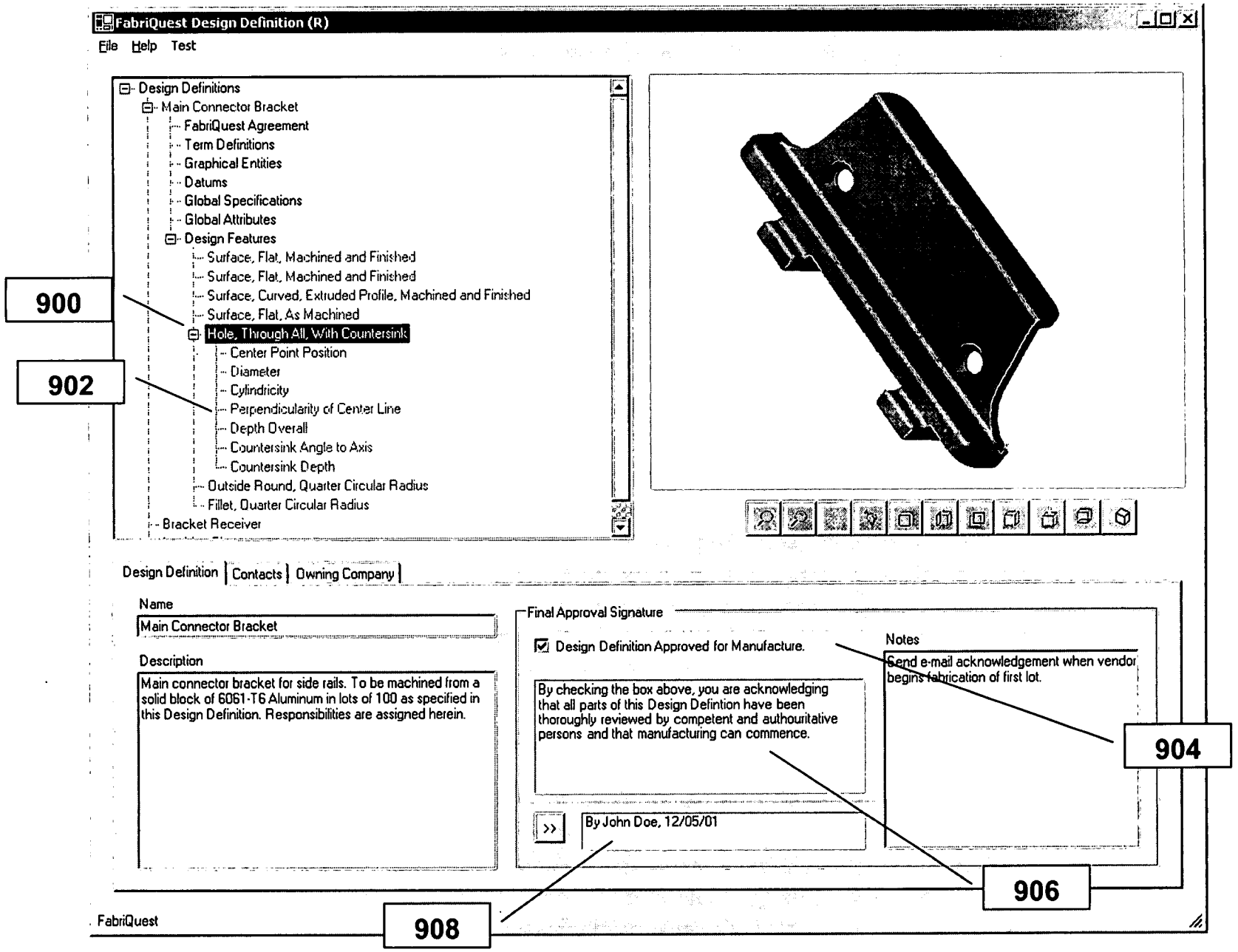
FabriQuest Design Definition (R)
File Help Test
Design Definitions
Main Connector Bracket
FabriQuest Agreement
Term Definitions
Graphical Entities
Datums
Global Specifications
Global Attributes
Design Features
Surface, Flat, Machined and Finished
Surface, Flat, Machined and Finished
Surface, Curved, Extruded Profile, Machined and Finished
Surface, Flat, As Machined
Hole, Through All, With Countersink
Center Point Position
Diameter
Cylindricity
Perpendicularity of Center Line
Depth Overall
Countersink Angle to Axis
Countersink Depth
Outside Round, Quarter Circular Radius
Fillet, Quarter Circular Radius
Bracket Receiver
900
902
Design Definition
Contacts
Owning Company
Name
Main Connector Bracket
Description
Main connector bracket for side rails. To be machined from a solid block of 6061-T6 Aluminum in lots of 100 as specified in this Design Definition. Responsibilities are assigned herein.
Final Approval Signature
Design Definition Approved for Manufacture.
By checking the box above, you are acknowledging that all parts of this Design Defintion have been thoroughly reviewed by competent and authouritative persons and that manufacturing can commence.
>>
By John Doe, 12/05/01
Notes
Send e-mail acknowledgement when vendor begins fabrication of first lot.
904
906
908
FabriQuest

Figure 9

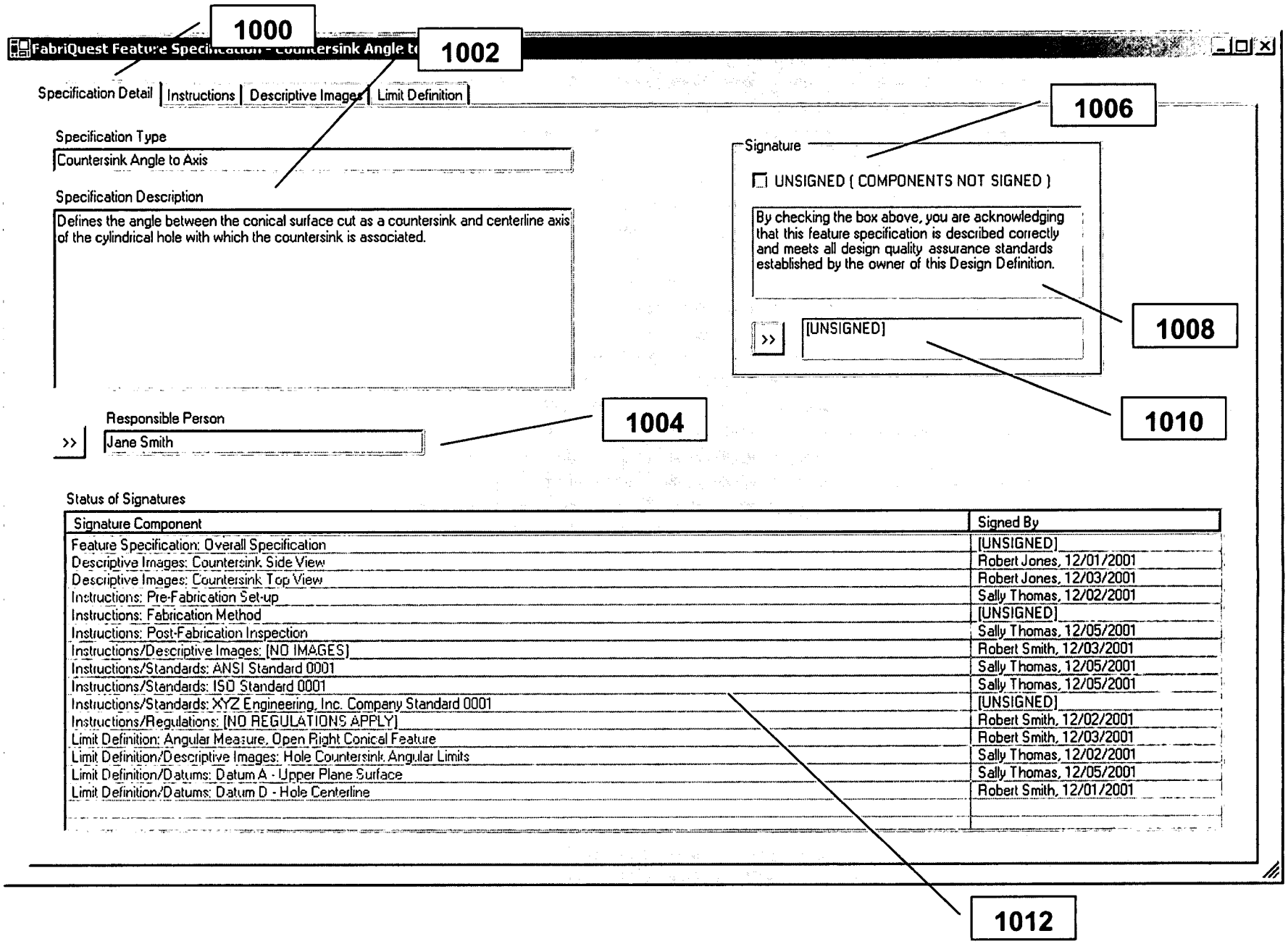
1000
1002
FabriQuest Feature Specification - Countersink Angle to
Specification Detail
Instructions
Descriptive Images
Limit Definition
1006
Specification Type
Countersink Angle to Axis
Specification Description
Defines the angle between the conical surface cut as a countersink and centerline axis of the cylindrical hole with which the countersink is associated.
Signature
UNSIGNED (COMPONENTS NOT SIGNED)
By checking the box above, you are acknowledging that this feature specification is described correctly and meets all design quality assurance standards established by the owner of this Design Definition.
1008
>>
[UNSIGNED]
1010
1004
Responsible Person
>>
Jane Smith
Status of Signatures
Signature Component
Signed By
Feature Specification: Overall Specification
[UNSIGNED]
Descriptive Images: Countersink Side View
Robert Jones, 12/01/2001
Descriptive Images: Countersink Top View
Robert Jones, 12/03/2001
Instructions: Pre-Fabrication Set-up
Sally Thomas, 12/02/2001
Instructions: Fabrication Method
[UNSIGNED]
Instructions: Post-Fabrication Inspection
Sally Thomas, 12/05/2001
Instructions/Descriptive Images: [NO IMAGES]
Robert Smith, 12/03/2001
Instructions/Standards: ANSI Standard 0001
Sally Thomas, 12/05/2001
Instructions/Standards: ISO Standard 0001
Sally Thomas, 12/05/2001
Instructions/Standards: XYZ Engineering, Inc. Company Standard 0001
[UNSIGNED]
Instructions/Regulations: [NO REGULATIONS APPLY]
Robert Smith, 12/02/2001
Limit Definition: Angular Measure, Open Right Conical Feature
Robert Smith, 12/03/2001
Limit Definition/Descriptive Images: Hole Countersink Angular Limits
Sally Thomas, 12/02/2001
Limit Definition/Datums: Datum A - Upper Plane Surface
Sally Thomas, 12/05/2001
Limit Definition/Datums: Datum D - Hole Centerline
Robert Smith, 12/01/2001
1012

Figure 10

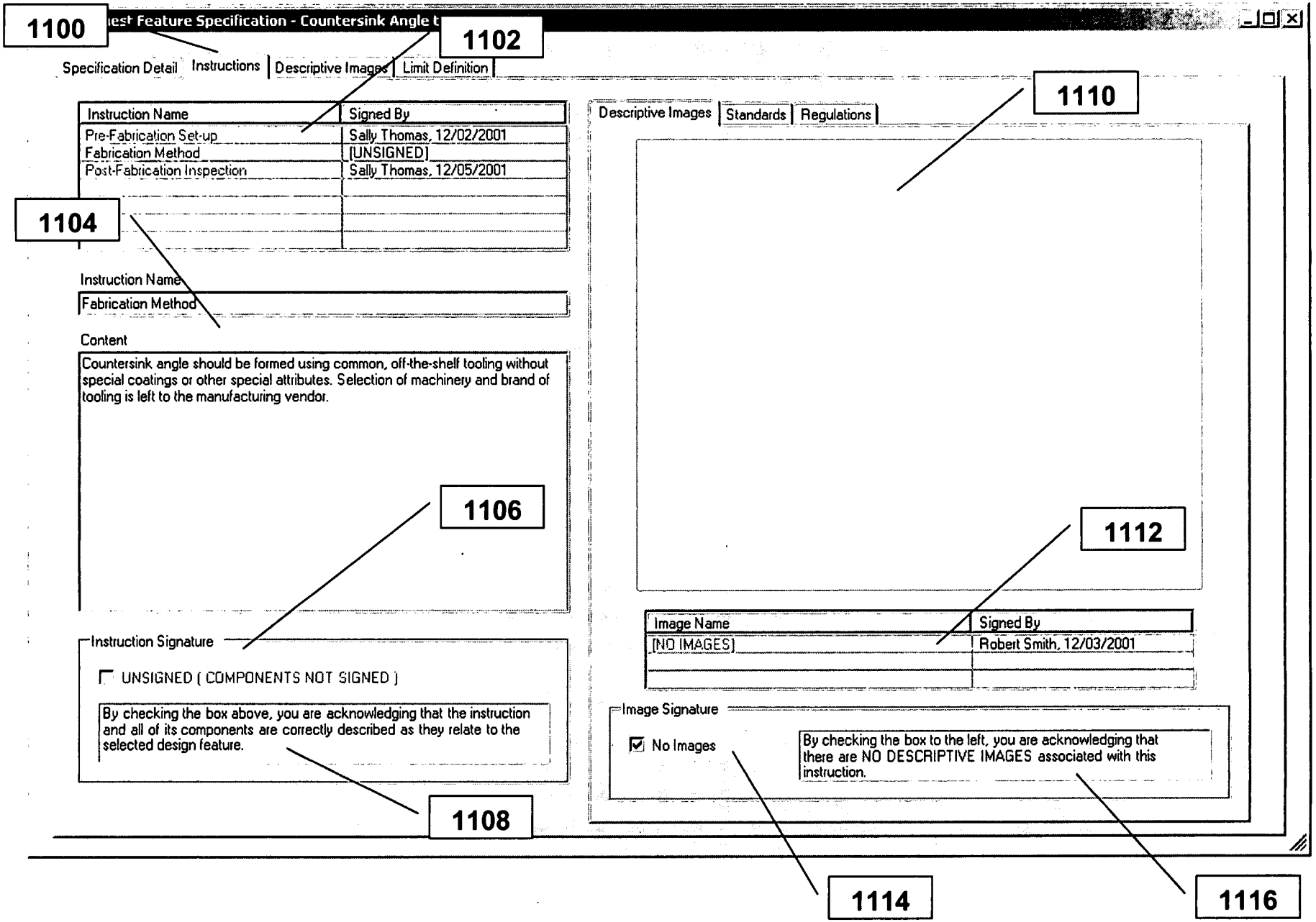
1100
1102
1104
1106
1108
1110
1112
1114
1116
Specification Detail
Instructions
Descriptive Images
Limit Definition
Instruction Name
Signed By
Pre-Fabrication Set-up
Sally Thomas, 12/02/2001
Fabrication Method
[UNSIGNED]
Post-Fabrication Inspection
Sally Thomas, 12/05/2001
Instruction Name
Fabrication Method
Content
Countersink angle should be formed using common, off-the-shelf tooling without special coatings or other special attributes. Selection of machinery and brand of tooling is left to the manufacturing vendor.
Instruction Signature
UNSIGNED (COMPONENTS NOT SIGNED)
By checking the box above, you are acknowledging that the instruction and all of its components are correctly described as they relate to the selected design feature.
Descriptive Images
Standards
Regulations
Image Name
Signed By
[NO IMAGES]
Robert Smith, 12/03/2001
Image Signature
No Images
By checking the box to the left, you are acknowledging that there are NO DESCRIPTIVE IMAGES associated with this instruction.

Figure 11

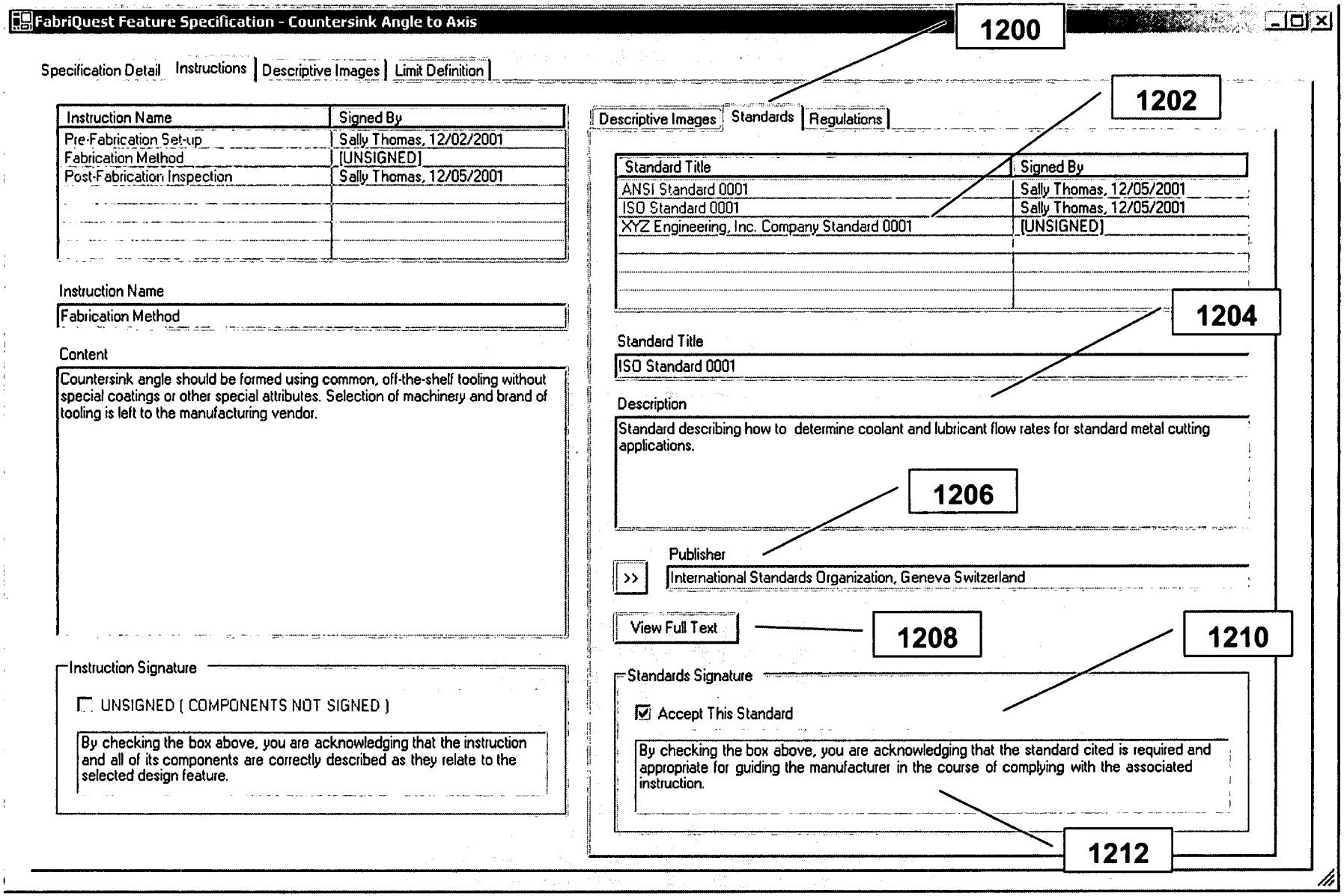
FabriQuest Feature Specification - Countersink Angle to Axis
1200
Specification Detail
Instructions
Descriptive Images
Limit Definition
Instruction Name
Signed By
Pre-Fabrication Set-up
Sally Thomas, 12/02/2001
Fabrication Method
[UNSIGNED]
Post-Fabrication Inspection
Sally Thomas, 12/05/2001
Instruction Name
Fabrication Method
Content
Countersink angle should be formed using common, off-the-shelf tooling without special coatings or other special attributes. Selection of machinery and brand of tooling is left to the manufacturing vendor.
Instruction Signature
UNSIGNED (COMPONENTS NOT SIGNED)
By checking the box above, you are acknowledging that the instruction and all of its components are correctly described as they relate to the selected design feature.
Descriptive Images
Standards
Regulations
1202
Standard Title
Signed By
ANSI Standard 0001
Sally Thomas, 12/05/2001
ISO Standard 0001
Sally Thomas, 12/05/2001
XYZ Engineering, Inc. Company Standard 0001
[UNSIGNED]
1204
Standard Title
ISO Standard 0001
Description
Standard describing how to determine coolant and lubricant flow rates for standard metal cutting applications.
1206
Publisher
>>
International Standards Organization, Geneva Switzerland
View Full Text
1208
1210
Standards Signature
Accept This Standard
By checking the box above, you are acknowledging that the standard cited is required and appropriate for guiding the manufacturer in the course of complying with the associated instruction.
1212

Figure 12

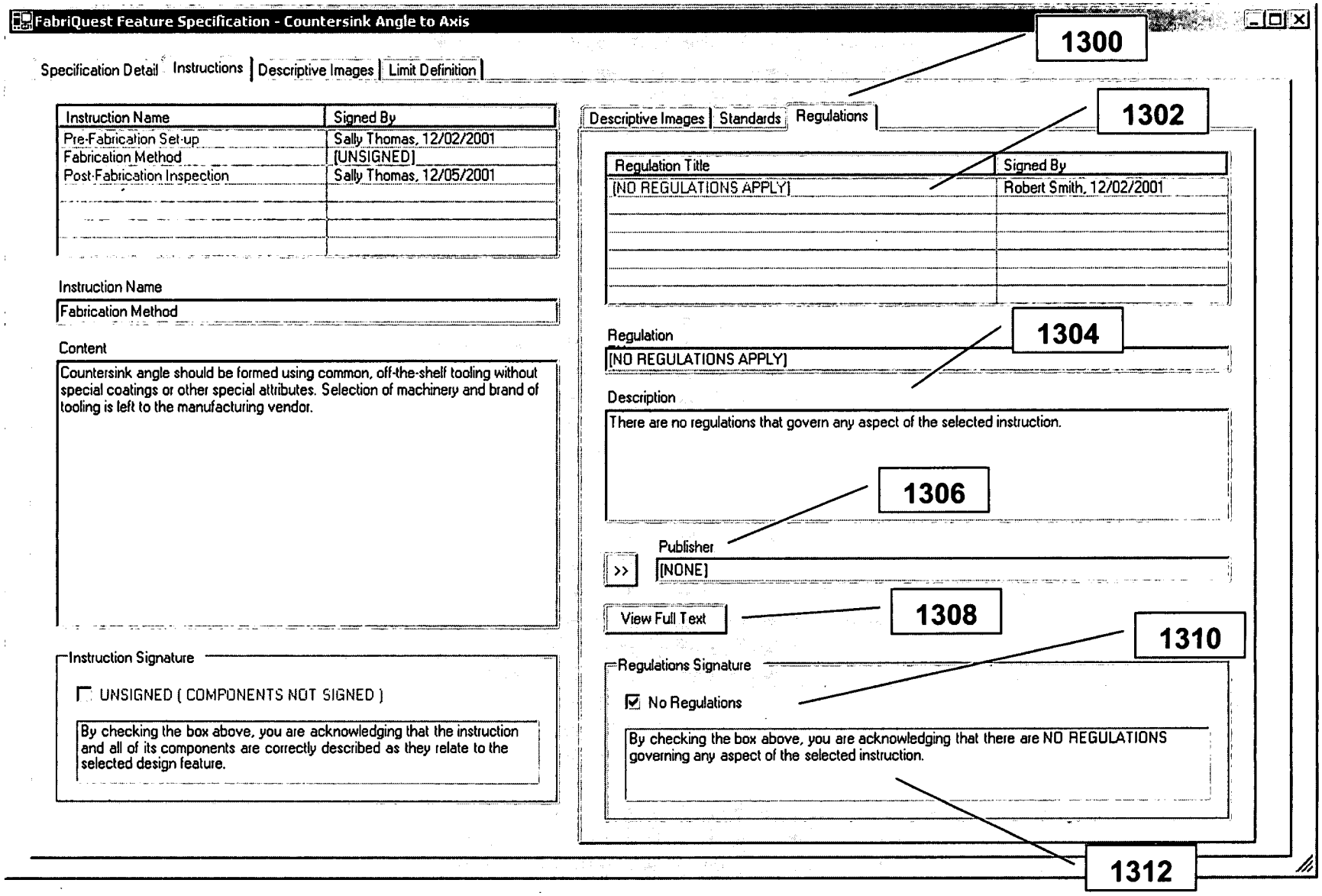
FabriQuest Feature Specification - Countersink Angle to Axis
1300
Specification Detail
Instructions
Descriptive Images
Limit Definition
Instruction Name
Signed By
Pre-Fabrication Set-up
Sally Thomas, 12/02/2001
Fabrication Method
[UNSIGNED]
Post-Fabrication Inspection
Sally Thomas, 12/05/2001
Instruction Name
Fabrication Method
Content
Countersink angle should be formed using common, off-the-shelf tooling without special coatings or other special attributes. Selection of machinery and brand of tooling is left to the manufacturing vendor.
Instruction Signature
UNSIGNED (COMPONENTS NOT SIGNED)
By checking the box above, you are acknowledging that the instruction and all of its components are correctly described as they relate to the selected design feature.
Descriptive Images
Standards
Regulations
1302
Regulation Title
Signed By
[NO REGULATIONS APPLY]
Robert Smith, 12/02/2001
Regulation
1304
[NO REGULATIONS APPLY]
Description
There are no regulations that govern any aspect of the selected instruction.
1306
Publisher
>>
[NONE]
View Full Text
1308
1310
Regulations Signature
No Regulations
By checking the box above, you are acknowledging that there are NO REGULATIONS governing any aspect of the selected instruction.
1312

Figure 13

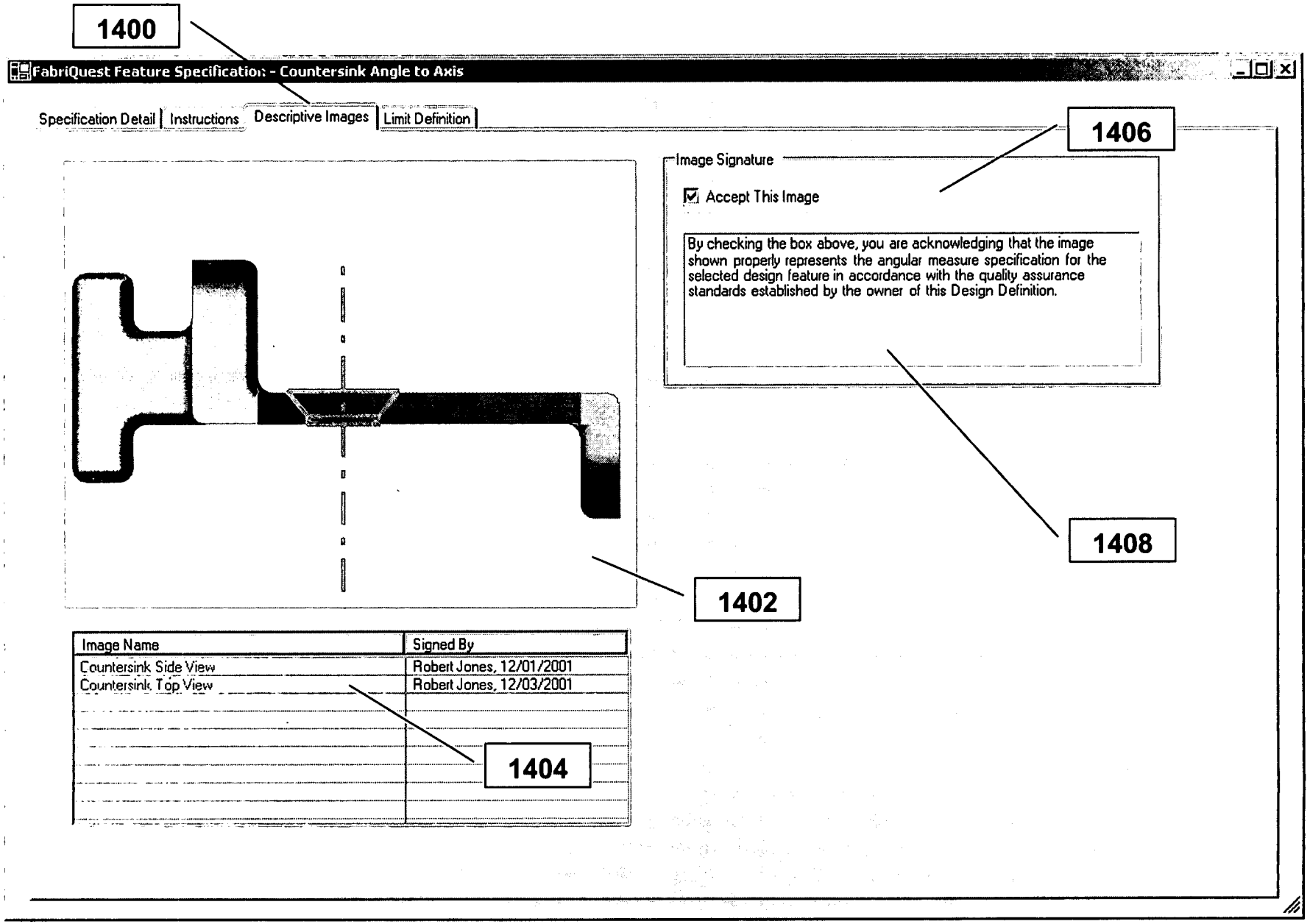
1400
FabriQuest Feature Specification - Countersink Angle to Axis
Specification Detail
Instructions
Descriptive Images
Limit Definition
1406
Image Signature
Accept This Image
By checking the box above, you are acknowledging that the image shown properly represents the angular measure specification for the selected design feature in accordance with the quality assurance standards established by the owner of this Design Definition.
1408
1402
Image Name
Signed By
Countersink Side View
Robert Jones, 12/01/2001
Countersink Top View
Robert Jones, 12/03/2001
1404

Figure 14

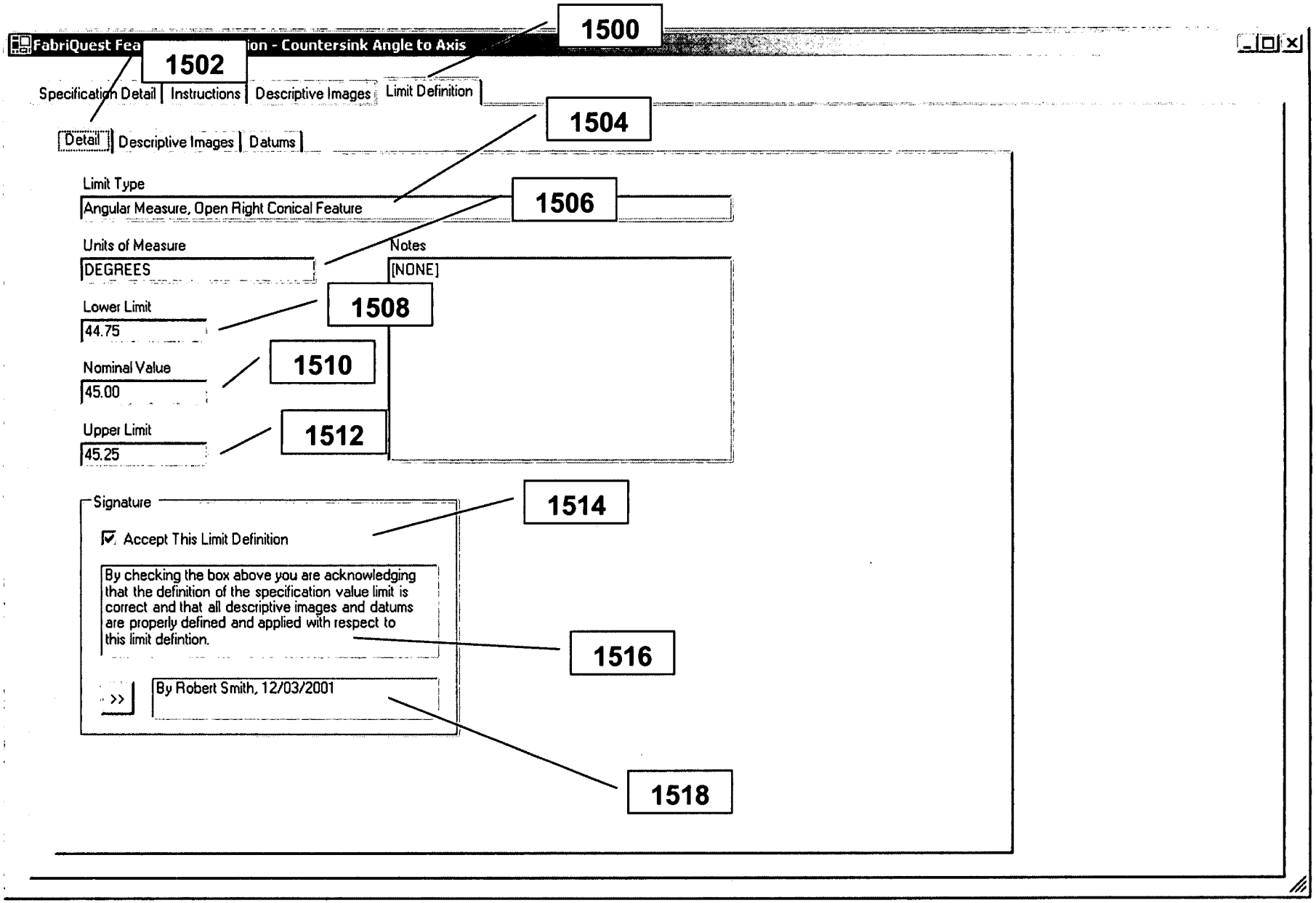
1500
1502
1504
1506
1508
1510
1512
1514
1516
1518
FabriQuest Fea ion - Countersink Angle to Axis
Specification Detail
Instructions
Descriptive Images
Limit Definition
Detail
Descriptive Images
Datums
Limit Type
Angular Measure, Open Right Conical Feature
Units of Measure
DEGREES
Notes
[NONE]
Lower Limit
44.75
Nominal Value
45.00
Upper Limit
45.25
Signature
Accept This Limit Definition
By checking the box above you are acknowledging that the definition of the specification value limit is correct and that all descriptive images and datums are properly defined and applied with respect to this limit defintion.
>>
By Robert Smith, 12/03/2001

Figure 15

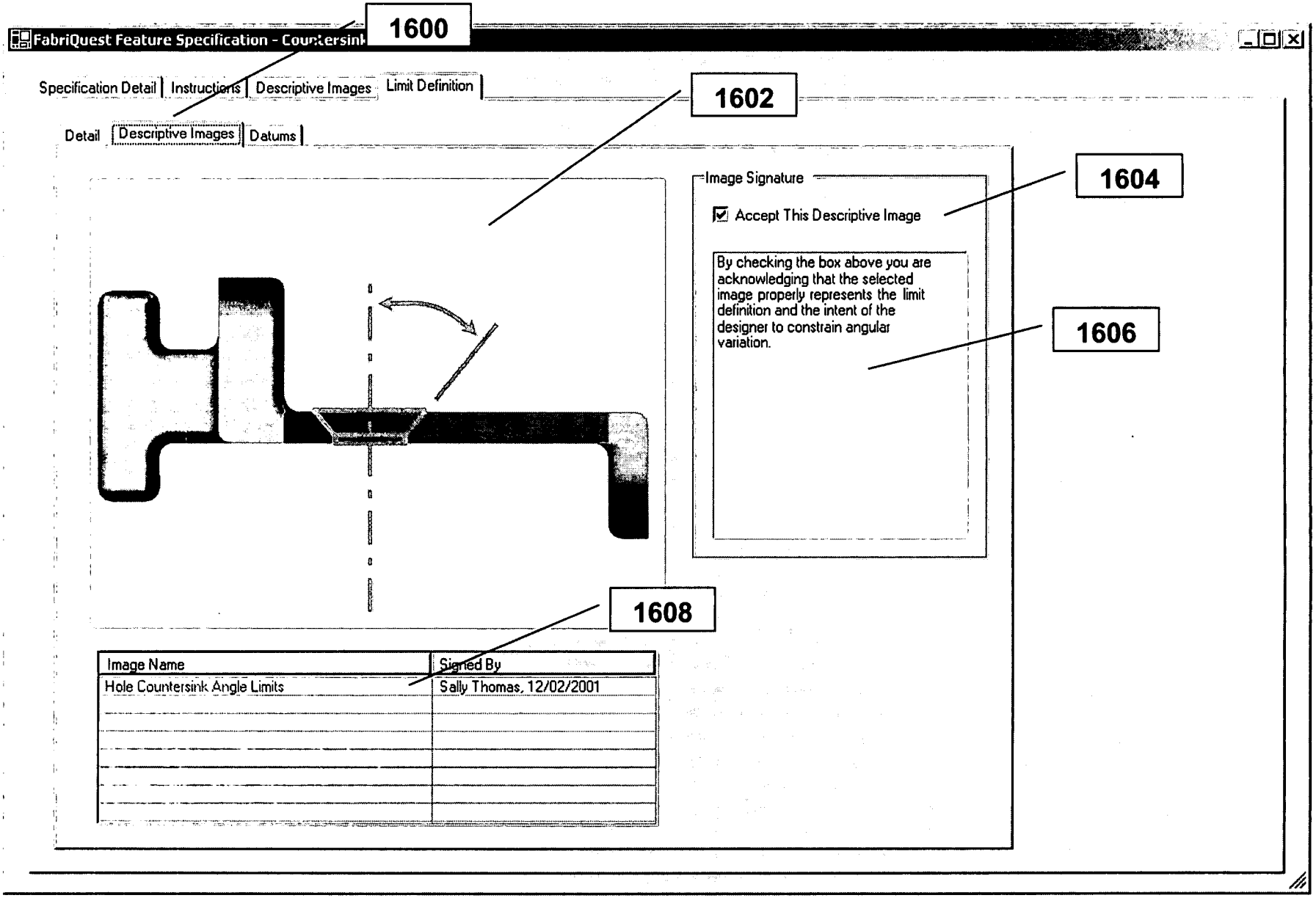
1600
FabriQuest Feature Specification - Countersink
Specification Detail
Instructions
Descriptive Images
Limit Definition
Detail
Descriptive Images
Datums
1602
Image Signature
1604
Accept This Descriptive Image
By checking the box above you are acknowledging that the selected image properly represents the limit definition and the intent of the designer to constrain angular variation.
1606
1608
Image Name
Signed By
Hole Countersink Angle Limits
Sally Thomas, 12/02/2001

Figure 16

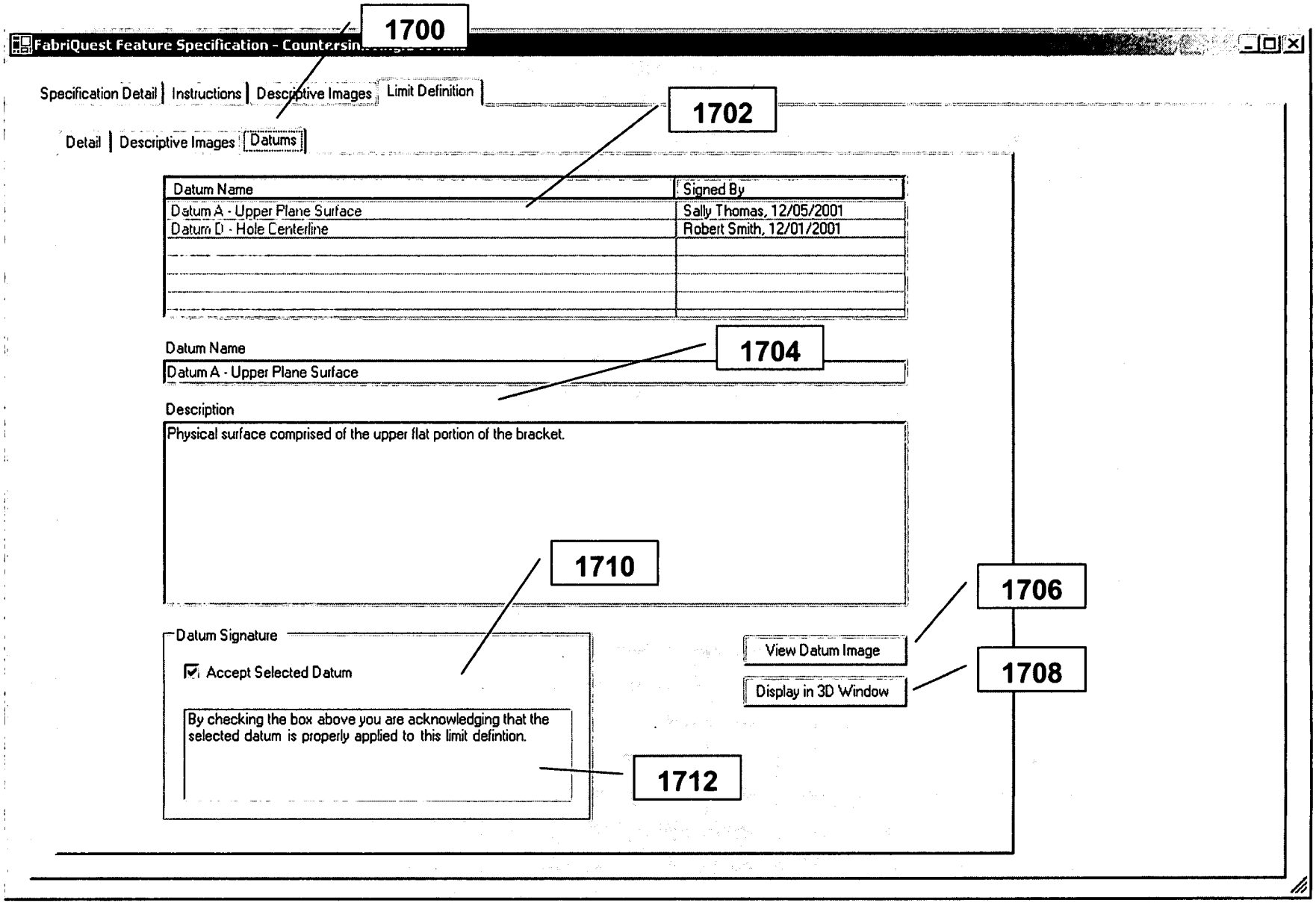
1700
FabriQuest Feature Specification - Countersin
Specification Detail
Instructions
Descriptive Images
Limit Definition
Detail
Descriptive Images
Datums
1702
Datum Name
Signed By
Datum A - Upper Plane Surface
Sally Thomas, 12/05/2001
Datum D - Hole Centerline
Robert Smith, 12/01/2001
Datum Name
1704
Datum A - Upper Plane Surface
Description
Physical surface comprised of the upper flat portion of the bracket.
1710
1706
Datum Signature
View Datum Image
Accept Selected Datum
1708
Display in 3D Window
By checking the box above you are acknowledging that the selected datum is properly applied to this limit defintion.
1712

Figure 17